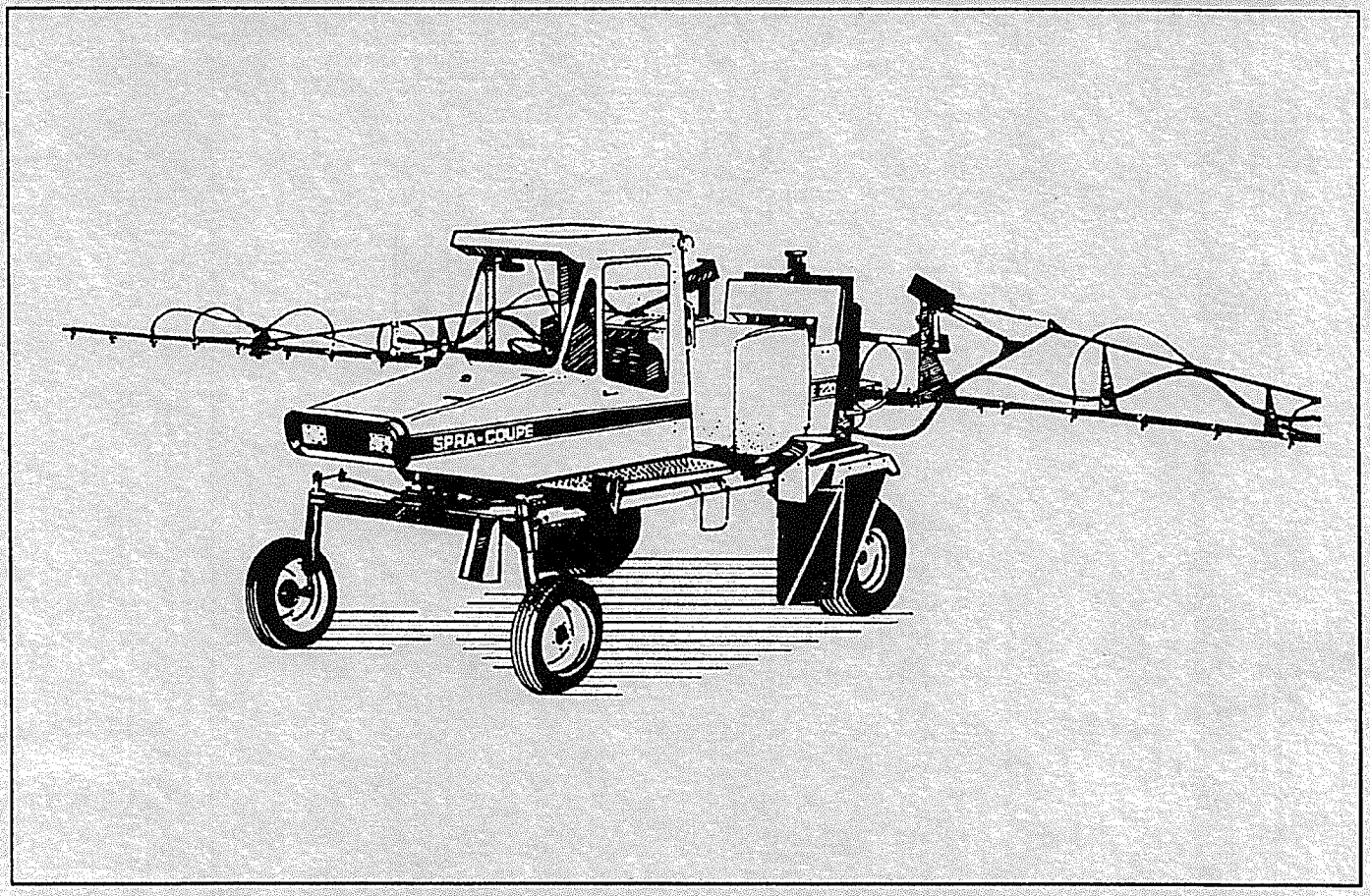
SPRA-COUPE

220
230

Parts Manual



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MELROE
INGERSOLL-RAND

Printed in U.S.A.

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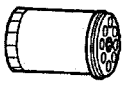
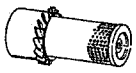
HIGH MAINTENANCE ITEMS
MODEL 220,230 SPRA–COUPE

PART NO.	DESCRIPTION		PAGE #
6630773	ENGINE OIL FILTER		M10
6511393	FUEL FILTER		M10
6646494	AIR CLEANER, ELEMENT		N17
6646678	RADIATOR CAP		M2
6662222	BATTERY		M4
6630034	FUEL TANK CAP		L24
6657299	MOTOR OIL	15W40 CE/SG –1 Qt.	T2
6724558	MOTOR OIL	15W40 CE/SG –4 Qt.	T2
6657301	MOTOR OIL	10W30 CE/SG –1 Qt.	T2
6724557	MOTOR OIL	10W30 CE/SG –4 Qt.	T2
6657303	MOTOR OIL	30 CE/SG –1 Qt.	T2
6724559	MOTOR OIL	30 CE/SG –4 Qt.	T2

(ENGINE OIL W/FILTER CAPACITY) ..... 3.2 QTS. (3.03 L)

MODEL SERIAL NUMBER IDENTIFICATION

220–78 = 2089_ _ _ _ _ _
220–72 = 2092_ _ _ _ _ _
230 = 2090_ _ _ _ _ _

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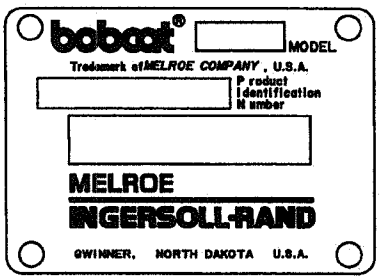
GENERAL INFORMATION



When using the machine serial number, use the complete number.

Some Serial Number breaks are not available at time of printing. These are listed as & Below or & Above.

The number shown in the quantity column in this manual is the number of parts needed for the illustration on the page. For some parts an "x" will be shown in the quantity column. This "x" indicates that the quantity to be used is "As Needed".

When references L.H. and R.H. are used in this manual, it is done from the operator's seat in the forward operating position.

To find the size and kind of bolt use the Melroe Standard Microfiche (P/N 6566077).

Some of the illustrations and information found in this parts manual were supplied to Melroe Company, a Business Unit of Clark Equipment Company, by machine component companies.

ABBREVIATIONS & SYMBOLS

SALES = Order from Bismarck Sales Department

NSS = Not Serviced Seperately

NAP = Not Available as Parts

***** = Changed or Added Sections, Pages or Part Numbers

SCTB = Spra–Coupe Technical Bulletin. The SCTB'S Affecting the Model Concerned, are Located on the Microfiche Card

Disposition Code Definition (Found in the Remarks Column)

[A] = Use Up

[B] = Use Up on Other Appplication (See PNI)

[C] = File PDR Report With Melroe Parts Sales

[D] = Part Number Error

Explications en francais	Grid Nb	A3
Erklärungen auf deutsch	Grid Nb	A4
Spiegazioni in italiano	Grid Nb	A5
Explicaciones en espanol	Grid Nb	A6
Verklaring in het Nederlands	Grid Nb	A7

NOTE D'INFORMATION

Pour toute référence au numéro de série de l'engin, toujours donner le numéro complet.

Le chiffré apparaissant dans la colonne des quantités de ce manuel représentent le nombre de pièces nécessaires pour l'illustration reprise sur la page. Dans certains cas, on lira un "x" dans la colonne des quantités. Cet "x" indique que la quantité nécessaire est "selon besoin".

Pour toute référence vers la GAUCHE ou la DROITE dans ce manuel, considérer que la personne se trouve assise dans le siège de l'opérateur, en position de fonctionnement en marche avant.

Certaines illustrations et informations reprises dans ce manuel de pièces de rechange ont été fournies à Melroe Company, une société du groupe Clark Equipment Company, par des fabricants de composants.

ABREVIATIONS & SYMBOLES

SALES	= Commander au Service Ventes à Bruxelles
NSS	= Pas vendu séparément
NAP	= Non disponible comme pièce de rechange
*	= Chapitre, page ou numéro de pièce modifié ou supplémentaire
BTI	= Spra–Coupe Technical Information Bulletin : voir à la fin de la microfiché du modèle concerné ou la microfiche générale reprenant l' ensemble des "BTI".
was 6535403	= était avant 6535403
adj. (adjustment)	= réglage
Assembly	= ensemble
available W/Ref.	= disponible avec réf.
bulk/sold per foot	= en vrac/vendu par pied
does not include	= ne comprend pas
included with	= compris dans
I.D.	= D.I. (diamètre intérieur)
O.D.	= D.E. (diamètre extérieur)
not in kit	= pas en kit
W/ – WO/	= inclus/ – non inclus/
Qty	= quantité requise
see page/ref.	= voir page/réf.
used with ref/	= utilisé avec réf.
0,05 inch thickness	= 0,05 pouce d'épaisseur (un pouce = 25.4 mm)
weld on	= à souder

ALLGEMEINE INFORMATIONEN

Bei Angabe der Maschinen–Seriennummer stets die komplette Nummer angeben.

Bei der in der Mengenspalte (Anzahl) in diesem Handbuch angegebenen Zahl handelt es sich um die Anzahl von Teilen, die für die Abbildung auf der betreffenden Seite benötigt werden. Bei manchen Teilen in der Mengenspalte ist ein "x" angegeben. Dieses "x" weist darauf hin, dass sich die Anzahl der verwendeten Teile auf den "Bedarf" bezieht.

Bei Verwendung der Seitenangaben links und rechts in diesem Handbuch gelten diese für die Blickrichtung vom Fahrersitz aus, und zwar in Vorwärts–Betriebsrichtung.

Einige der in diesem Ersatzteilhandbuch aufgeführten Abbildungen und Informationen wurden der Melroe Company, einem Geschäftszweig der Clark Equipment Company, von den Herstellern von Maschinenbauteilen zur Verfügung gestellt.

ABKÜRZUNGEN UND SYMBOLE

SALES	= Bestellung bei der Verkaufsabteilung in Brüssel
NSS	= Nicht einzeln erhältlich
NAP	= Nicht als Ersatzteil erhältlich
*	= Geänderte oder hinzugefügte Abschnitte, Seiten oder Teilenummern
BTI	= Spra–Coupe Technical Information Bulletin : Siehe am Ende der Mikrokarte des jeweiligen Modells oder der allgemeinen Mikrokarte der BTI.
was 6535403	= War 6535403
adj.	= Einstellung
Assembly	= Baugruppe
available W/Ref.	= erhältlich mit der Referenz
bulk/sold per foot	= Mengenabnahme / Verkauf pro Fuss
does not include	= beinhaltet nicht
included with	= enthalten in
I.D.	= Innendurchmesser
O.D.	= Aussendurchmesser
not in kit	= nicht in Bausatz
W/ – WO/	= mit/ – ohne/
Qty	= Anzahl
see page/ref.	= Siehe Seite / Referenz
used with ref.	= verwendet mit Referenz
0.05 inch thickness	= Dicke : 0.05 Zoll (ein Zoll = 25.4 mm)
weld on	= anschweissen

INFORMAZIONI GENERALI

Quando si usa il numero di serie della macchina usare il numero completo.

Il numero mostrato nella colonna della quantità di questo manuale corrisponde al numero di componenti necessari per l'illustrazione della pagina. Per alcuni componenti appare "X" nella colonna delle quantità. Questa "X" indica che la quantità da usare è "come necessario".

See in questo manuale si fa riferimento alla parte destra o sinistra, si intende dal sedile dell'operatore nella posizione in avanti di funzionamento.

Alcune delle illustrazioni e informazioni trovate in questo manuale di componenti sono state fornite alla Melroe Company, una Unità commerciale della Clark Equipment Company, da società di componenti di macchine.

SIMBOLI E ABBREVIAZIONI

SALES	= Ordinare al servizio vendite di Bruxelles
NSS	= Non vendute separatamente
NAP	= Non disponibile come componente
*	= Sezioni, pagine o numeri di componente cambiati o aggiunti
BTI	= (Spra–Coupe Technical information) Ved. al termine del microfiche del modello relativo oppure microfiche generale.
was 6535403	= era 6535403
adj. (adjustment)	= regol. (regolazione)
Assembly	= Complessivo
available W/ref.	= disponibile con rif.
bulk/sold per foot	= alla rinfusa/venduto al piede
does not include	= non comprende
Included with	= compreso con
I.D.	= d. i.
O.D.	= d. e.
not in kit	= non fa parte del kit
W/ – WO/	= con – senza
Qty	= Qtà
see page/ref	= ved. pagina/rif.
used with ref.	= usato con il rif.
0,05 inch thickness	= spessore 0,05 pollici (un pollice = 25,4 mm)
weld on	= a saldare

INFORMACION GENERAL

Al utilizar el número de serie de la máquina, debe emplearse el número completo.

El número que figura en la columna de "Unidades" en este manual es el número de piezas que se necesitan para la ilustración que consta en la página. En algunas piezas aparece una "x" en la columna de "Unidades". Esta "x" indica que las unidades a utilizar son "según sea necesario".

Cuando se empleen las referencias izq. y dcha., éstas se entienden mirando desde el asiento del conductor, en posición de marcha adelante.

Algunas de las ilustraciones y la información que figuran en este manual de piezas han sido facilitadas a Melroe Company, División de Clark Equipment Company, por empresas de componentes de máquinas.

ABREVIATURAS Y SIMBOLOS

VENTAS	= Pedido al Departamento de Ventas de Bruselas
NSS	= No se vende por separado
NAP	= No disponible como pieza de repuesto
*	= Secciones, páginas o referencias modificadas o añadidas
BTI	= (Spra–Coupe Tecnical Information) Ver al final de la microficha del modelo afectado o en la microficha general "Boletín de Información Técnica Bobcat".
was 6535403	= era anteriormente el 6535403
adj. (adjustment)	= ajuste
assembly	= conjunto
available W/Ref.	= disponible con la ref.
bulk/sold per foot	= a granel/vendido por pies
does not include	= no incluye
included with	= incluido en
I.D.	= diámetro interior
O.D.	= diámetro exterior
not in kit	= no en el kit
W/ – WO/	= con/ – sin
Qty	= Unidades
see page /ref.	= ver página/ref.
used with ref.	= empleado con la ref.
0,05 inch thickness	= 0,05 pulgadas de espesor (1 pulgada = 25,4 mm)
weld on	= debe ser soldado

ALGEMENE INFORMATIE

Als u het serienummer van de machine gebruikt, geef dan het gehele serienummer.

Het cijfer dat voorkomt in de kolom "Aantal", in deze handleiding, is het aantal onderdelen dat nodig is van de illustratie op de pagina. Voor sommige onderdelen staat er een "x" in de kolom "Aantal". Deze "x" betekent dat er een aantal "zoals nodig" vereist is.

Wanneer er in deze handleiding naar "links" en naar "rechts" gerefereerd wordt, moet dit verstaan worden voor een bestuurder die in de bestuurdersstoel zit in de voorwaartse bedrijfsstand.

Sommige van de illustraties en informatie in deze onderdelen–handleiding werden door firma's van machine–componenten geleverd aan Melroe Company, een handelseenheid van Clark Equipment Company.

AFKORTINGEN EN SYMBOLEN

SALES	= Bestellen bij de Verkoopafdeling te Brussel
NSS	= Niet afzonderlijk te verkrijgen
NAP	= Niet beschikbaar als onderdeel
*	= Gewijzigde of toegevoegde paragrafen, pagina's of onderdeelnummers
BTI	= Spra–Coupe Technical Information Bulletin : Zie einde van de microfiche van het desbetreffende model of einde van de algemene microfiche die het geheel van alle "BTI" herneemt.
was 6535403	= was vroeger 6535403
adj. (adjustment)	= afstelling
Assembly	= geheel
available W/Ref.	= beschikbaar met ref.
bulk/sold per foot	= bulk/aan de meter verkocht
does not include	= bevat niet
includes with	= is bevat in
I.D.	= ϕ inw. (inwendige diameter)
O.D.	= ϕ uitw. (uitwendige diameter)
not in kit	= niet in de kit
W/ – WO/	= met/ – zonder/
Qty	= vereiste aantal
see page/ref.	= zie pagina/ref.
used with ref/	= gebruikt met ref.
0,05 inch thickness	= 0.05 inch dik (een inch = 25.4 mm)
weld on	= te lassen

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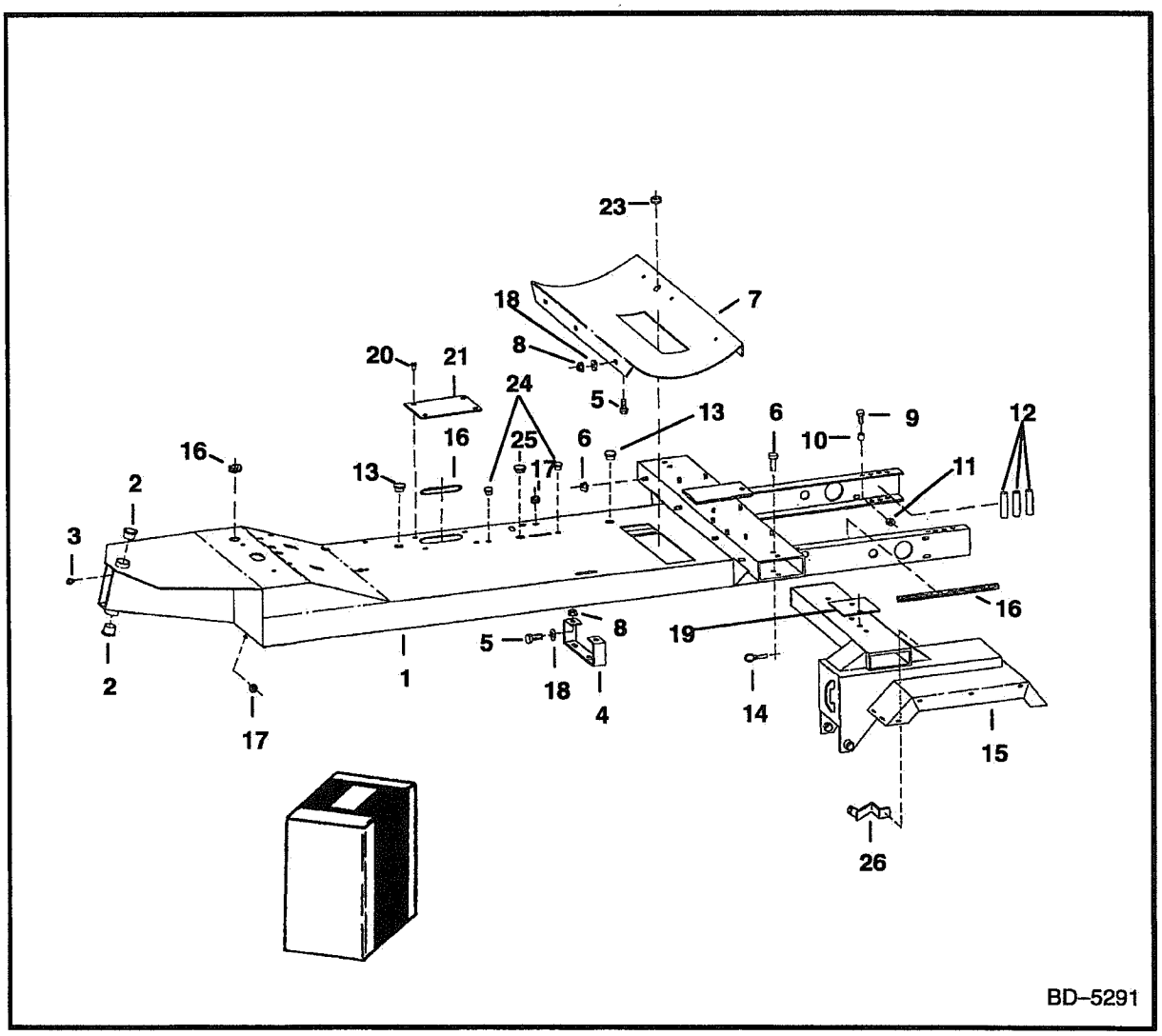
FOAM MARKER – MODEL SC525 ..... R23–S6
SHIFT CABLE KIT – MODEL 220, 230 ..... S7–S12
SPRA–CONTROLLER – MELROE S13–S14
SPEED SENSOR – MELROE S15–S16
SPRAY MONITOR – FIELD TECHNOLOGIES S17–S20
AUTOMATIC RATE CONTROLLER – AUTOMATIC – FIELD TECHNOLOGIES S21
SPEED SENSOR – WIDE FRONT – FIELD TECHNOLOGIES S22
TEST SIMULATOR – FIELD TECHNOLOGIES S23
BULK ITEMS **T1**
NUMERICAL **T3**



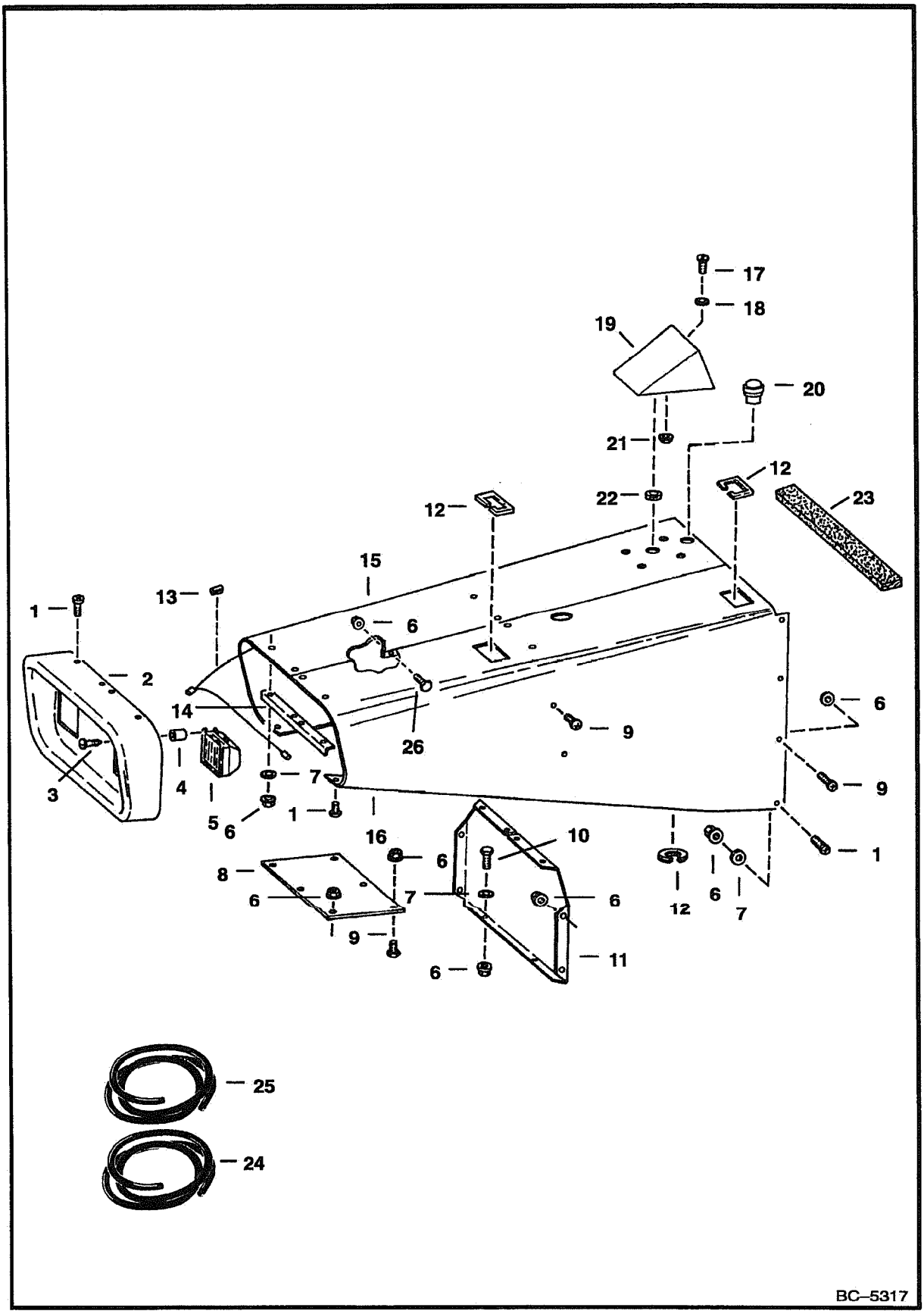
MAIN FRAME
(CHASSIS & BOOM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6625231	MAIN FRAME	220–78	208912918 & Bel.	1
	6626140	MAIN FRAME	220–78	208912919 & Abv.	1
	6617813	MAIN FRAME	220–72	209211228 & Bel.	1
	6627077	MAIN FRAME	220–72	209211229 –11264	1
	6627527	MAIN FRAME	220–72	209211265 & Abv.	1
	6617826	MAIN FRAME	230		1
2	6620207	BUSHING	Flange Lower and Upper – Single Front End Only, and Upper Wide Front		x
	6800793	BUSHING	Flange Lower –Wide Front Only– See Page D22, Ref. 5 – Was 6617432 [A]		1
3	10H–35	GREASE ZERK			1
4	6623718	BRACE			1
5	17C–616	BOLT			4

MAIN FRAME (Cont'd)
(CHASSIS & BOOM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
6	6595037	PIN	Clevis – Was 17C–1072 [A]– 17C–1080		2
7	6625413	SADDLE	Tank – Model 230		1
	6626168	SADDLE	Tank – Model 220-78		1
	6626491	SADDLE	Tank – Model 220-72	209211228 & Bel.	1
	6627060	SADDLE	Tank – Model 220-72	209211229 & Abv.	1
8	6599336	NUT			8
9	17C–620	BOLT			4
10	6625355	STOP	Engine Panel – See Page A20, Ref. 23		4
11	85D–6	NUT			4
12	6625430	SPACER	Boom Support – See Page C18, Ref. 30		6
13	6657719	PLUG			2
14	6649706	PIN LYNCH	Was 85D–10		2
15	6627061	SUPPORT	Left – 220 Only – Was 6625410[A]		1
	6617819	SUPPORT	Left – 220-72	209211228 & Bel.	1
	6627075	SUPPORT	Left – 220-72	209211229 & Abv	1
	6617349	SUPPORT	Left – 230 Only		1
	6627070	SUPPORT	Right – 220 Only– Was 6625409[A]		1
	6617817	SUPPORT	Right – 220-72	209211228 & Bel.	1
	6627076	SUPPORT	Right – 220-72	209211229 & Abv.	1
	6617347	SUPPORT	Right – 230 Only		1
16	NAP	STRIP	Rubber – 7"(177,8mm), 28"(711,2mm) and 30"(762mm) Order Ref. 22		1
17	1011708	GROMMET			2
18	25E–18	WASHER			4
19	6624265	SHIM			8
20	NSS	POP RIVET			4
21	NAP	PLATE	Cover – 220 Only – Was 6625074 [A]		1
22	6512686	RUBBER STRIP	Bulk – Sold Per Foot		x
23	6662655	GROMMET	Used with A/C – Was 731972 [A]		x
24	6663908	PLUG			2
25	6662898	PLUG			2
26	6620347	REST	Drive Axle – Weld on		1

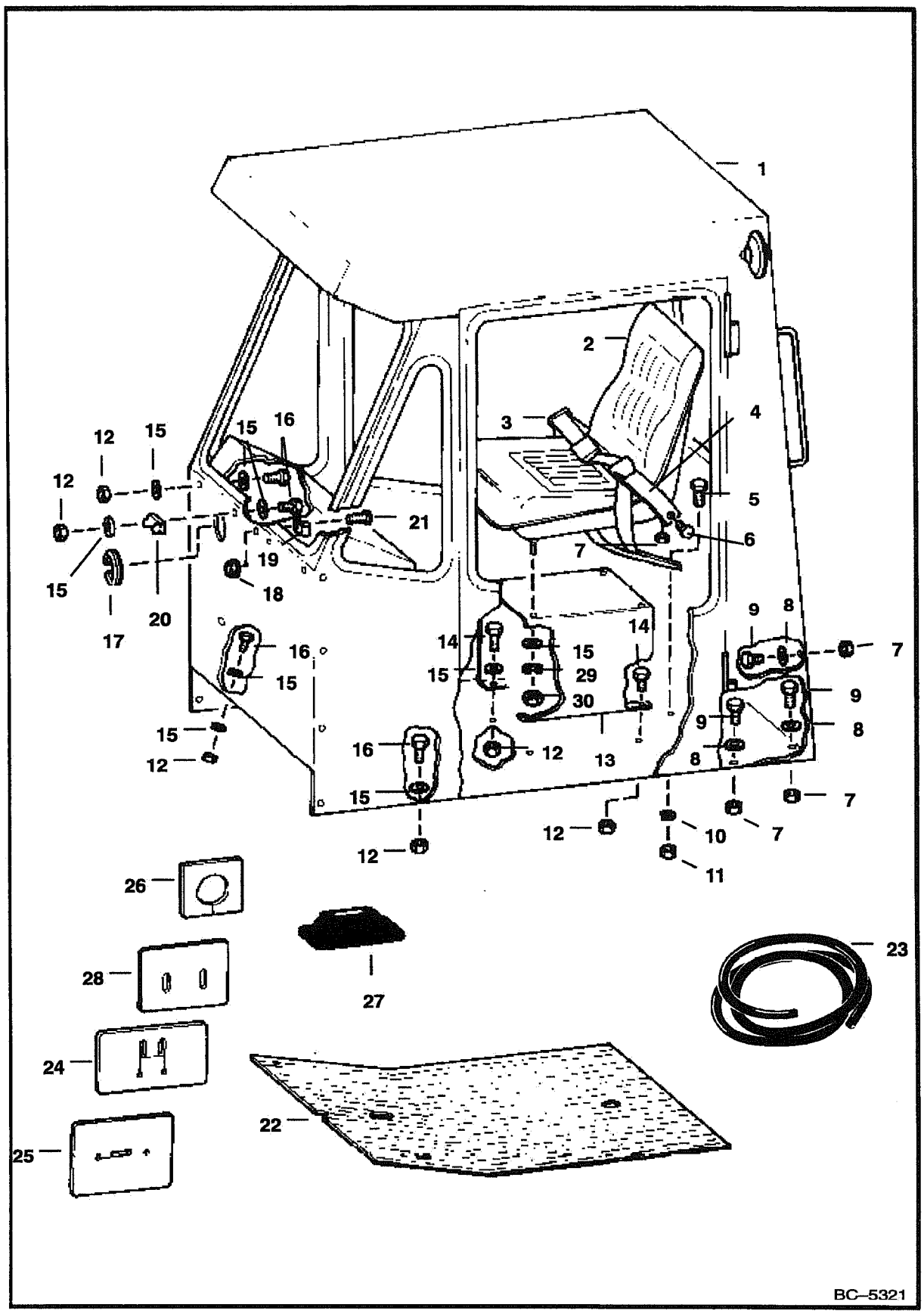
PANEL, NOSECONE
(CHASSIS & BOOM)



PANEL NOSECONE (Cont'd)
(CHASSIS & BOOM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	91G–412	BOLT			6
2	6620515	NOSECONE	Black – No Decal Required on 1986 and after production		1
3	58G–816	SCREW			8
4	6624136	SPACER			8
5	6623339	HEADLAMP	Assembly – W/Bracket		2
6	83D–4	NUT			14
7	25E–13	WASHER			6
8	6620514	PLATE			1
9	6615092	BOLT			8
10	17C–412	BOLT			2
11	6620513	SUPPORT			1
12	NAP	STRIP	7" (177,8mm) & 14" (355,6mm) Long – Order Ref. 25		1
13	6511249	CLAMP	Wiring – Was 6620453		5
14	6620518	SUPPORT	Nosecone		1
15	6624242	COVER	Front R.H.	6537 & Below	1
	6617393	COVER	Front R.H.	208911001 & Abv.	1
16	6624241	COVER	Front L.H.		1
17	17C–512	BOLT			4
18	25E–16	WASHER			4
19	6617395	BRACKET	Gauge – 220 See Page J6, Ref. 15 – 230, See Page J10, Ref. 15	208911001 & Abv.	1
20	6617401	LIGHT		208911001 & Abv.	1
21	6518382	NUT			4
22	742876	GROMMET		208913249 & Bel.	
				209211195 & Bel.	
				209011857 & Bel.	1
23	NAP	FOAM TAPE	33.50" (850,9mm) Long – Order Ref. 24		1
24	6654723	FOAM TAPE	Bulk – Sold Per Foot		x
25	6620417	RUBBER STRIP	Bulk – Sold Per Foot		x
26	17C–408	BOLT			6

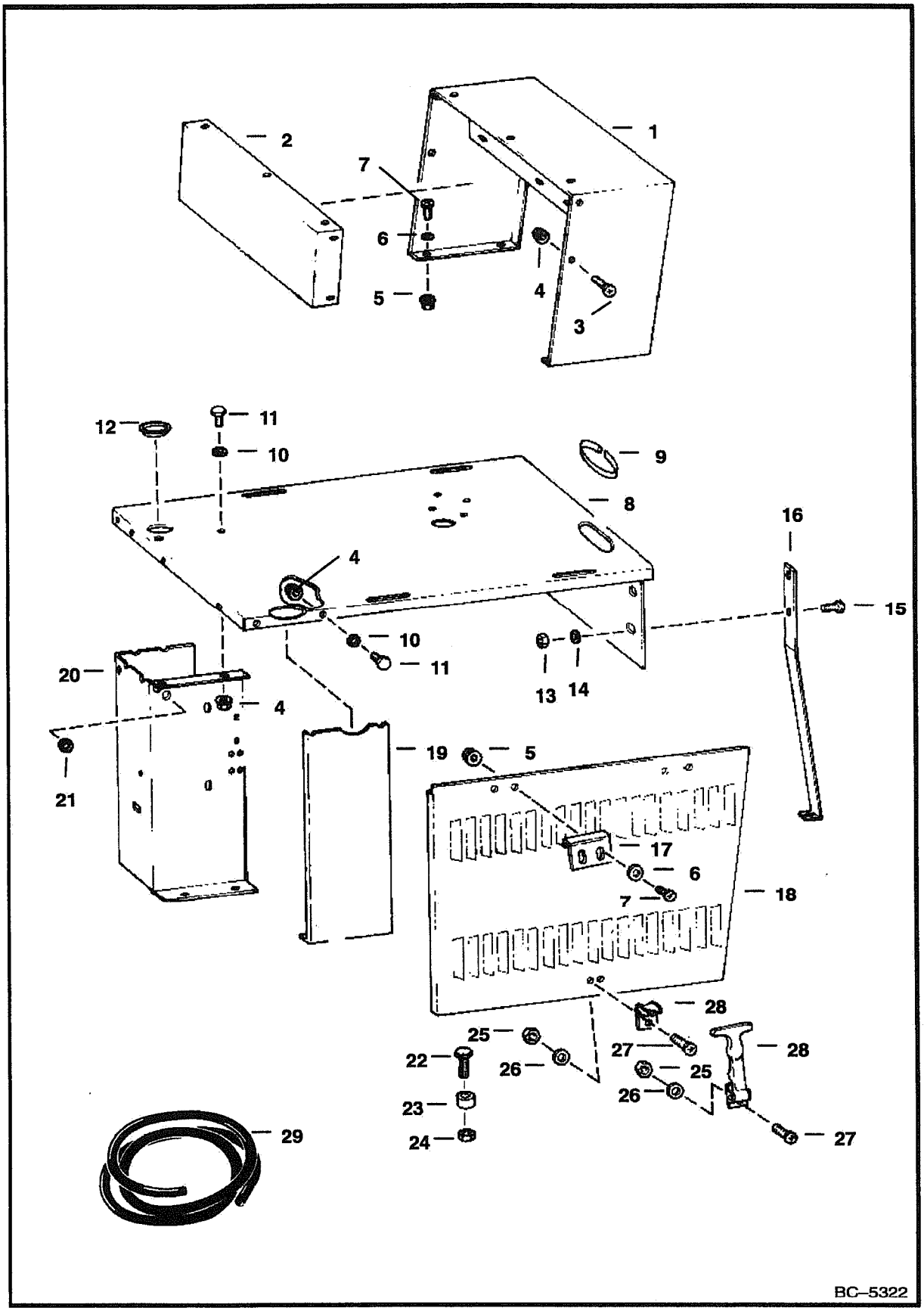
CAB
(CHASSIS & BOOM)



CAB (Cont'd)
(CHASSIS & BOOM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1		CAB	See Page A22 – Ref. 11		1
2		SEAT	Standard – W/Mounting Hex Nuts		
			See Page B15 – Ref. 1		1
		SEAT	Suspension – See Page B10 –		
			Ref. 1		1
3	6614462	SEAT BELT			1
4	6584583	GUIDE	Seat Belt		2
5	6614464	BOLT	Seat Belt		1
6	17C–612	BOLT			4
7	85D–6	NUT			x
8	25E–18	WASHER			x
9	17C–616	BOLT			6
10	6614466	WASHER			1
11	6614465	NUT			1
12	85D–5	NUT			17
13	6624562	SUPPORT	Seat – Standard		1
		SUPPORT	Suspension Seat – See Page B10		
			Ref. 2		1
14	17C–520	BOLT			6
15	25E–16	WASHER			14
16	17C–516	BOLT			8
17	NAP	RUBBER STRIP	7" (177,8mm) Long – Order		
			Ref.23		1
18	83D–4	NUT			x
19	31H–42	CLIP	Insulated		1
20	6616610	NUT			4
21	6615092	BOLT			x
22	6625079	FLOORMAT	220		1
	6617677	FLOORMAT	230		1
23	6620417	RUBBER STRIP	Bulk – Sold Per Foot		x
24	6618338	COVER	Foot Throttle		1
25	6618339	COVER	Clutch		1
26	6618340	COVER	Steering Column		1
27	6583699	BOOT	Hand Brake		1
28	6618337	COVER	Brake		1
29	4E–5	WASHER			4
30	61D–5	NUT			4

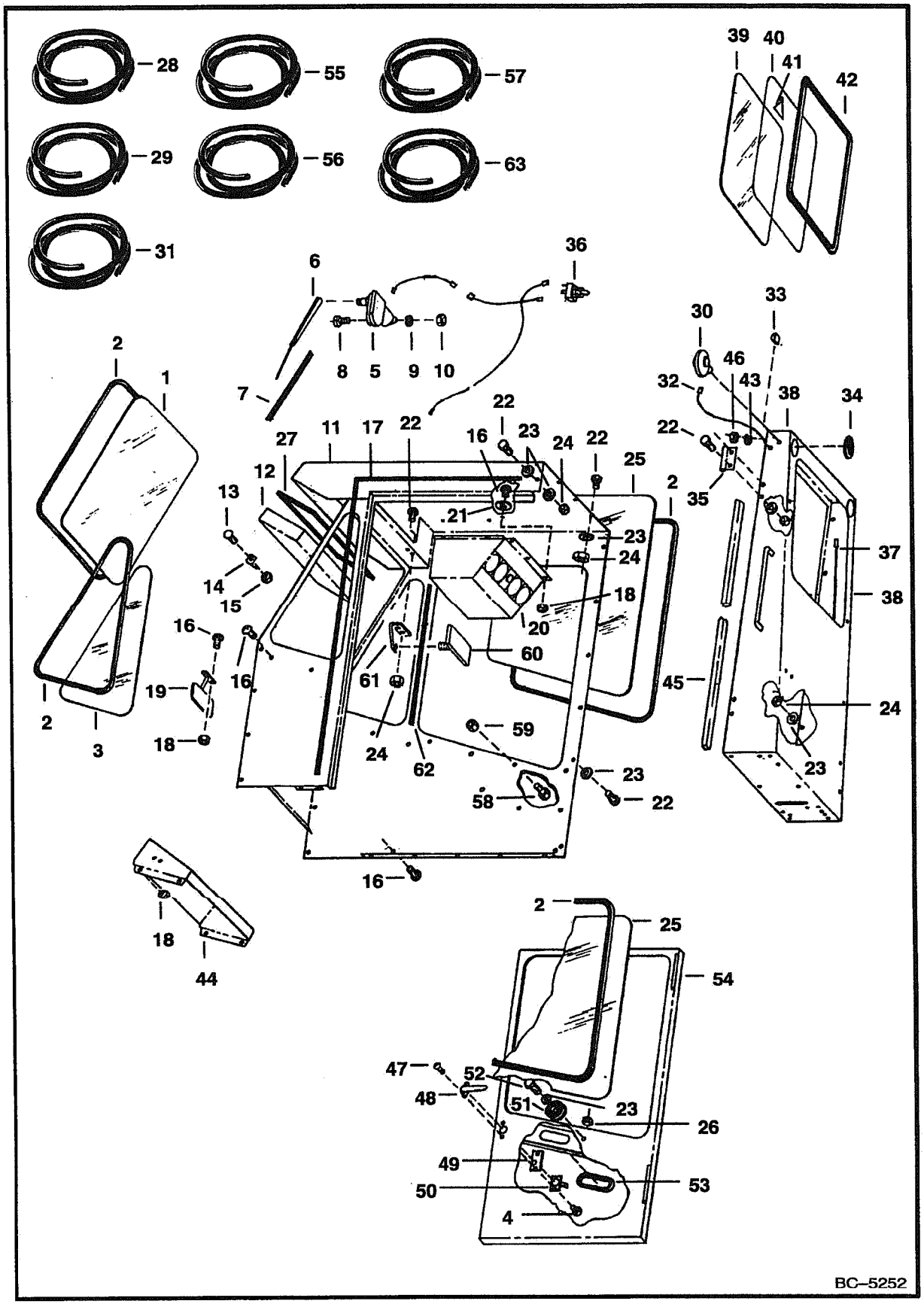
ENGINE COVERS
(CHASSIS & BOOM)



ENGINE COVERS (Cont'd)
(CHASSIS & BOOM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6617341	BRACKET	Manifold Support – is painted Black, White not Available	208911001 & Abv. and Model 230	1
2	6617406	COVER	Manifold Support Bracket	208911001 & Abv. and Model 230	1
3	6615092	BOLT			7
4	6655443	NUT			9
5	6518382	NUT			8
6	25E–16	WASHER			x
7	17C–512	BOLT			x
8	NAP	COVER	Engine – Was 6625334 [A]	6537 & Below	1
	6617397	COVER	Engine – Model 220	208911001 Thru 208911890	1
	6618207	COVER	Engine	208911891-13811 209211274 & Bel. 209011101-12021	1
	6627693	COVER	Engine	209012022 & Abv. 208913812 & Abv. 209211275 & Abv.	1
9	NAP	RUBBER STRIP	14" (355,6mm) Long – Order Ref. 29		1
10	25E–13	WASHER			x
11	17C–410	BOLT			x
12	6620452	PLUG	Button		1
13	85D–6	NUT			4
14	25E–18	WASHER			4
15	17C–612	BOLT			4
16	6625328	SUPPORT	Engine Cover L.H.		1
	6625329	SUPPORT	Engine Cover R.H.		1
17	6624539	BRACKET	Engine Panel		4
18	6617519	PANEL	Engine L.H.		1
	6617520	PANEL	Engine R.H.		1
19	6625349	SUPPORT	Radiator L.H.		1
20	6627694	SUPPORT	Radiator R.H. – Was 6625350 [C]		1
21	742876	GROMMET			1
22	17C–620	BOLT			4
23	6625355	STOP	Rubber		4
24	61D–6	NUT			4
25	12D–10	NUT			8
26	17E–10	WASHER			8
27	85G–1010	BOLT			8
28	1547283	LATCH	Engine Cover		2
29	6620417	RUBBER STRIP	Bulk – Sold Per Foot		x

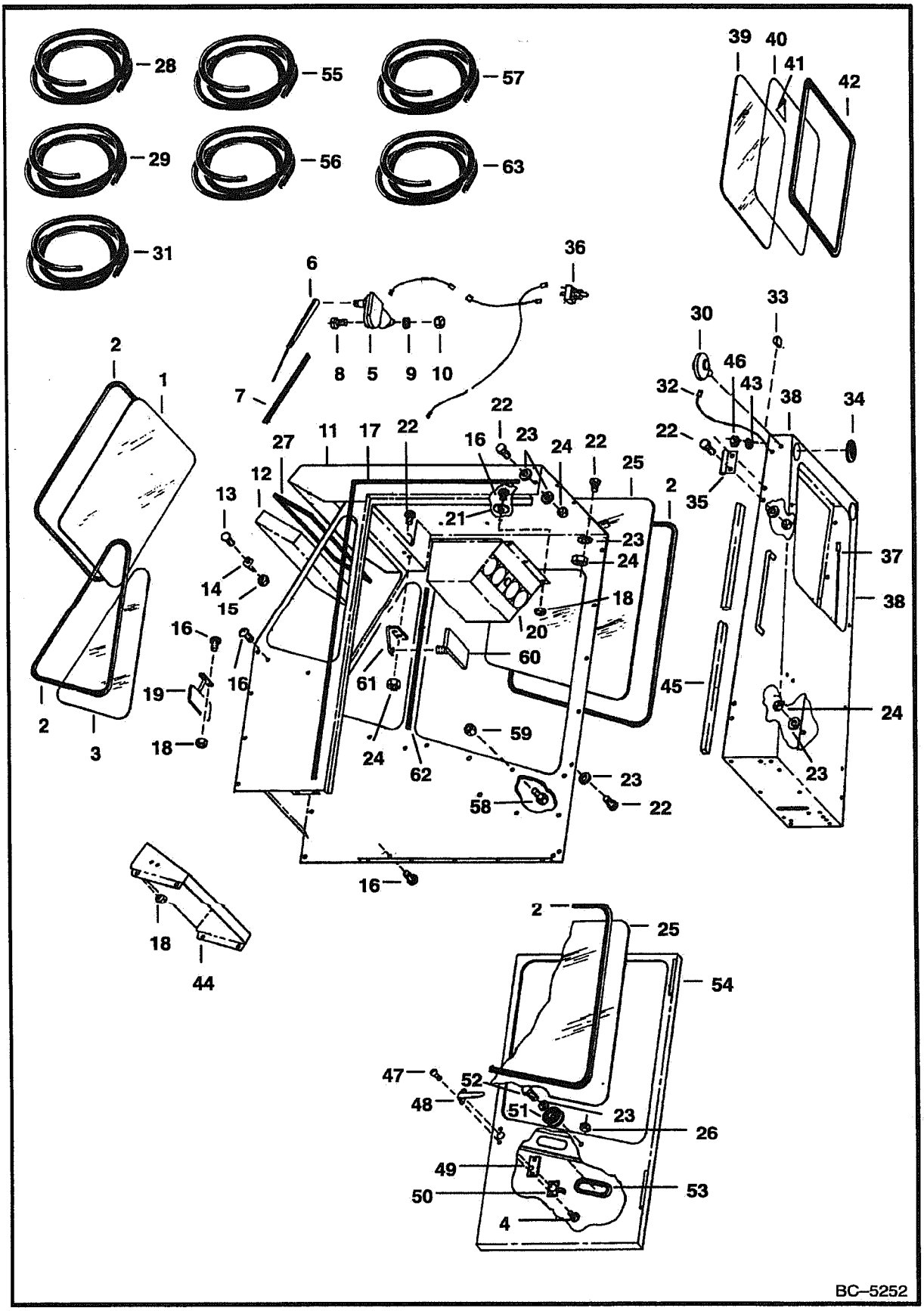
WINDOWS, CAB
(CHASSIS & BOOM)



WINDOWS, CAB (Cont'd)
(CHASSIS & BOOM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6619909	TEMPLATE	Windshield Sizing – Tinted windshield purchased locally		1
2	NAP	LOCKING SEAL	121" Each Windshield, Door & Side Window 60" Each Small Side Window, – Order Ref. 55		1
3	6619910	TEMPLATE	Side Window Sizing – Tinted window purchased locally		1
4	58G–1010	SCREW	Pan Head Slotted		4
5	6620642	MOTOR	Wiper		1
6	6620679	ARM	Wiper		1
7	6620678	BLADE	Wiper		1
8	85G–1008	BOLT			1
9	17E–10	WASHER			1
10	14D–10	NUT			1
11	6625342	CAB			1
12	6620654	FILTER	Air – Standard		1
	6649699	FILTER	Activated Carbon Panel		1
13	7C–512	BOLT			2
14	6615789	BRACKET	Mounting – Standard Filter		2
	6617628	BRACKET	Mounting – Activated Carbon Filter		
15	83D–5	NUT			2
16	6615092	BOLT			x
17	NAP	GASKET	Stickertite – 140" (3556 mm) Long – Order Ref. 56		1
18	83D–4	NUT			x
19	NAP	MIRROR	Old Style – Order Ref. 22, 24, 60, & 61 – Was 6624135 [A]		1
20		BLOWER	Complete – See Page B8		1
21	6511028	WASHER	Neoprene		8
22	17C–512	BOLT			14
23	25E–16	WASHER			22
24	85D–5	NUT			14
25	6619911	TEMPLATE	Door Window Sizing – Tinted window purchased locally		1
26	85D–6	NUT			1
27	NAP	GASKET	Stickertite – 70" (1778mm) Long Order Ref. 56		1
28	6620417	RUBBER STRIP	Bulk – Sold Per Foot		x
29	6624291	FOAM SEALANT	Bulk – Sold Per Foot		x
30	6623960	LAMP	Assy. – Flasher W/Bulb No. 32CP	208912859 & Bel. 209211127 & Bel.	
	6618385	LAMP	Assy. – Flasher-Type Break away	209011472 & Bel. 208912860 &Abv.	2
	6517517	LENS	Used Only On 6623960 – Was 6624431 [A]	209211128 & Abv. 209011472 & Abv.	2
	6658873	LENS	Used Only On 6618385		1
	6659605	BULB	Used Only On 6618385		1
					2

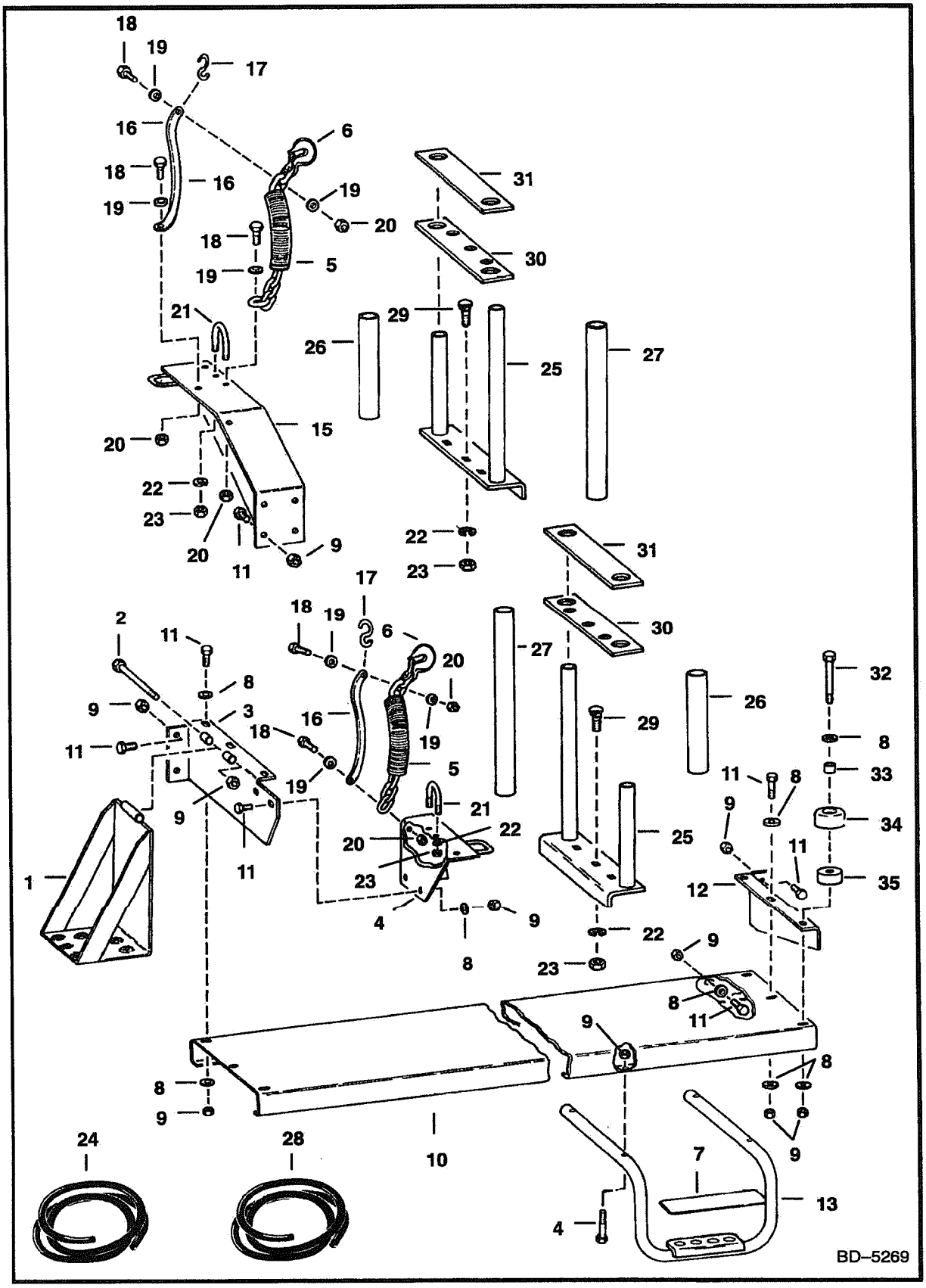
WINDOWS, CAB (Cont'd)
(CHASSIS & BOOM)



WINDOWS, CAB (Cont'd)
(CHASSIS & BOOM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
31	6658352	EXTRUSION	Bulk – Sold Per Foot – Was 6554221 [A]		
32	6620461	WIRE	Assy. – Flasher	5555 & Below	1
33	6511249	CLAMP	Wire – Was 6620453 [A]		7
34	6620452	PLUG	Button		2
35	6620674	HINGE			2
36	6515521	SWITCH	Toggle Wiper		1
37	6620460	WIRE	Harness – Flasher	5555 & Below	1
38	6625340	SPLASHGUARD			1
39	6619912	TEMPLATE	Rear Window Sizing – Tinted window purchased locally		1
40	NAP	CORD	105" (2667mm) Long – Order Ref. 57		1
41	6559515	TAG	Exit		1
42	NAP	EXTRUSION	100"(2540mm) Long – Order Ref. 31		1
43	4E–8	WASHER			2
44	6618262	PANEL	Instrument		1
45	NAP	FOAM SEALANT	120" (3048mm) Long – Order Ref. 29		1
46	7D–8	NUT			2
47	32G–1012	SCREW			2
48	6655817	HANDLE	Door –W/Key– Door & ignition key is the same		1
49	6624009	SPACER	Latch		1
50	6611678	LATCH			1
51	6584225	BUMPER	Mounted on Door	208913579 & Bel.	
				209011989 & Bel.	
				209211228 & Bel.	1
52	17C–616	BOLT			1
53	NAP	RUBBER STRIP	12" (304,8mm) Long – Order Ref. 28		1
54	6625336	DOOR			1
55	6624229	LOCKING SEAL	Bulk – Sold Per Foot		x
56	6620646	GASKET	Bulk – Stickertite–Sold Per Foot		x
57	6554149	CORD	Bulk – Sold Per Foot		x
58	1CM–1016	BOLT			6
59	42DM–10	NUT			6
60	6663955	MIRROR			1
61	6627339	BRACKET			1
62	NAP	TUBE	Plastic – Adhesive Type – 30" (762mm) Long – Order Ref. 63		1
63	6664418	TUBE	Bulk – Plastic – Adhesive Type– Sold Per Foot – Available Only in 4 Foot Lengths		x

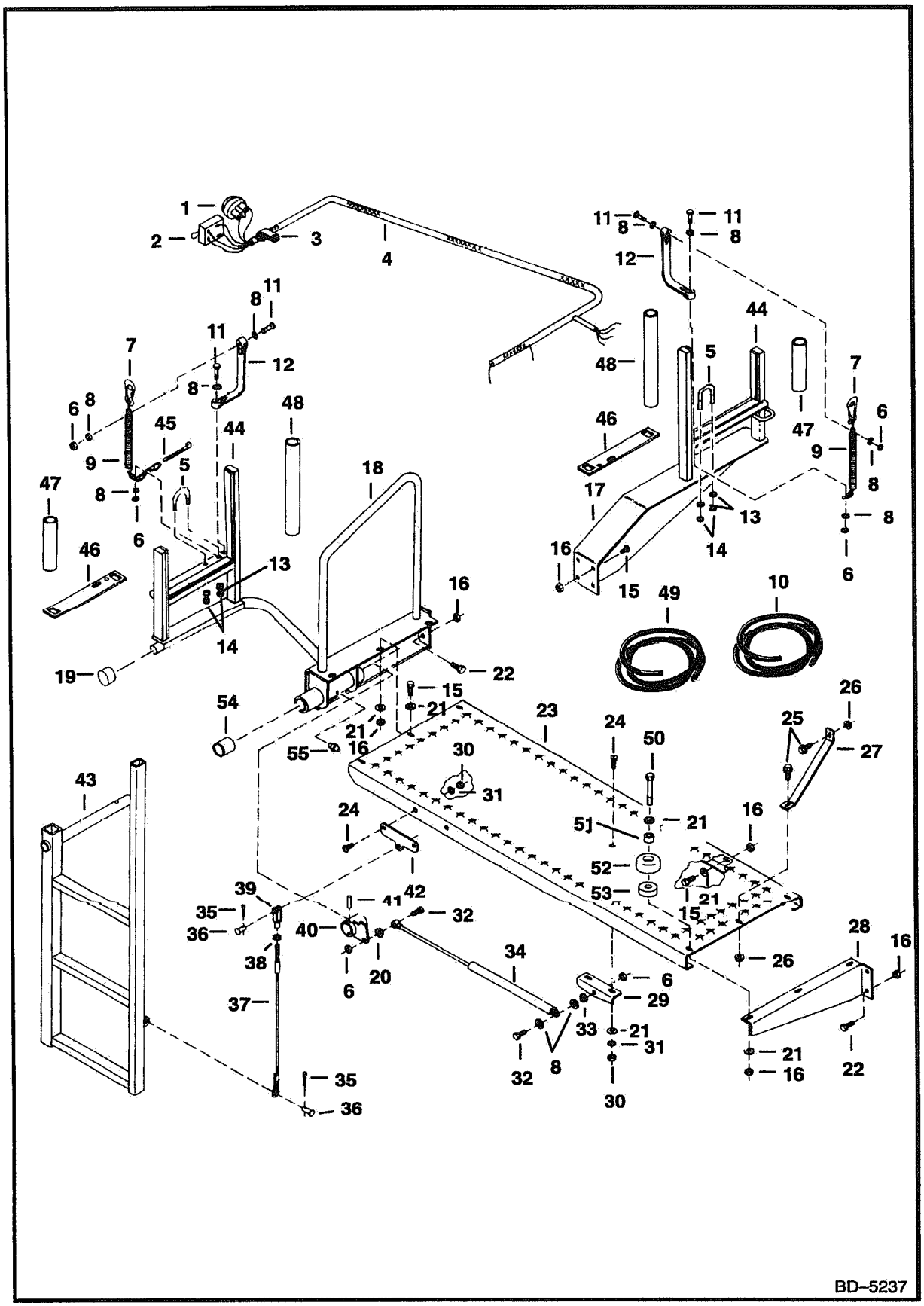
STEP AND FOOTBOARD – MODEL 220
(CHASSIS & BOOM)



STEP AND FOOTBOARD – MODEL 220 (Cont'd)
(CHASSIS & BOOM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6624924	STEP			1
2	17C–688	BOLT			1
3	6626534	SUPPORT	Boom & Step – Was 6624947 [A]		1
4	6626613	SUPPORT	Boom Left – 220-72, 220-78, 60 Foot Boom– Was 6617898 [A]		1
	6617452	SUPPORT	Boom Left – 220-78, 50' boom		1
5	NAP	CONDUIT	42" (1066,8mm) Long – Order Ref. 24		1
6	6617897	CHAIN	Was 6617194 [A]	208913240 & Bel.	
	6626478	CHAIN		209211188 & Bel. 208913241 & Abv. 209211189 & Abv.	2 2
7	6625081	PAD	Non–Skid Step		1
8	25E–18	WASHER			43
9	85D–6	NUT			29
10	6625557	FOOTBOARD			1
11	17C–616	BOLT			18
12	6620439	BRACE	Footboard		1
13	6626678	STEP	220 Only – Was 6625080 [A]		1
14	17C–632	BOLT			4
15	6626616	SUPPORT	Boom Right – 220-72, 220-78, 60 Foot Boom		1
	6624629	SUPPORT	Boom Right – 220-78, 50' boom		1
16	6512042	FASTENER	Rubber	208913240 & Bel.	
				209211188 & Bel.	2
17	6656480	S–HOOK	Was 6512043 [A]	& Below	2
18	17C–520	BOLT		& Below	8
	17C–620	BOLT		& Above	4
19	25E–16	WASHER		& Below	16
	25E–18	WASHER		& Above	21
20	85D–5	NUT		& Below	4
	85D–6	NUT		& Above	4
21	6626119	U–BOLT		& Below	2
22	4E–6	WASHER			7
23	61D–6	NUT			7
24	6643249	CONDUIT	Bulk – Sold Per Foot		x
25	6626629	CRADLE			2
26	NAP	HOSE	8" (203,2mm) long-Order Ref. 28		2
27	NAP	HOSE	14" (355,6mm) long - Order Ref. 28		2
28	1310909	HOSE	Bulk – Sold Per Foot		x
29	37C–616	BOLT			3
30	6626617	CUSHION	Rubber		2
31	6626618	CUSHION	Rubber		2
32	17C–636	BOLT			1
33	6532998	BUSHING			1
34	6584225	BUMPER	Rubber		1
35	6627260	SPACER			1

STEP AND FOOTBOARD – MODEL 230
(CHASSIS & BOOM)



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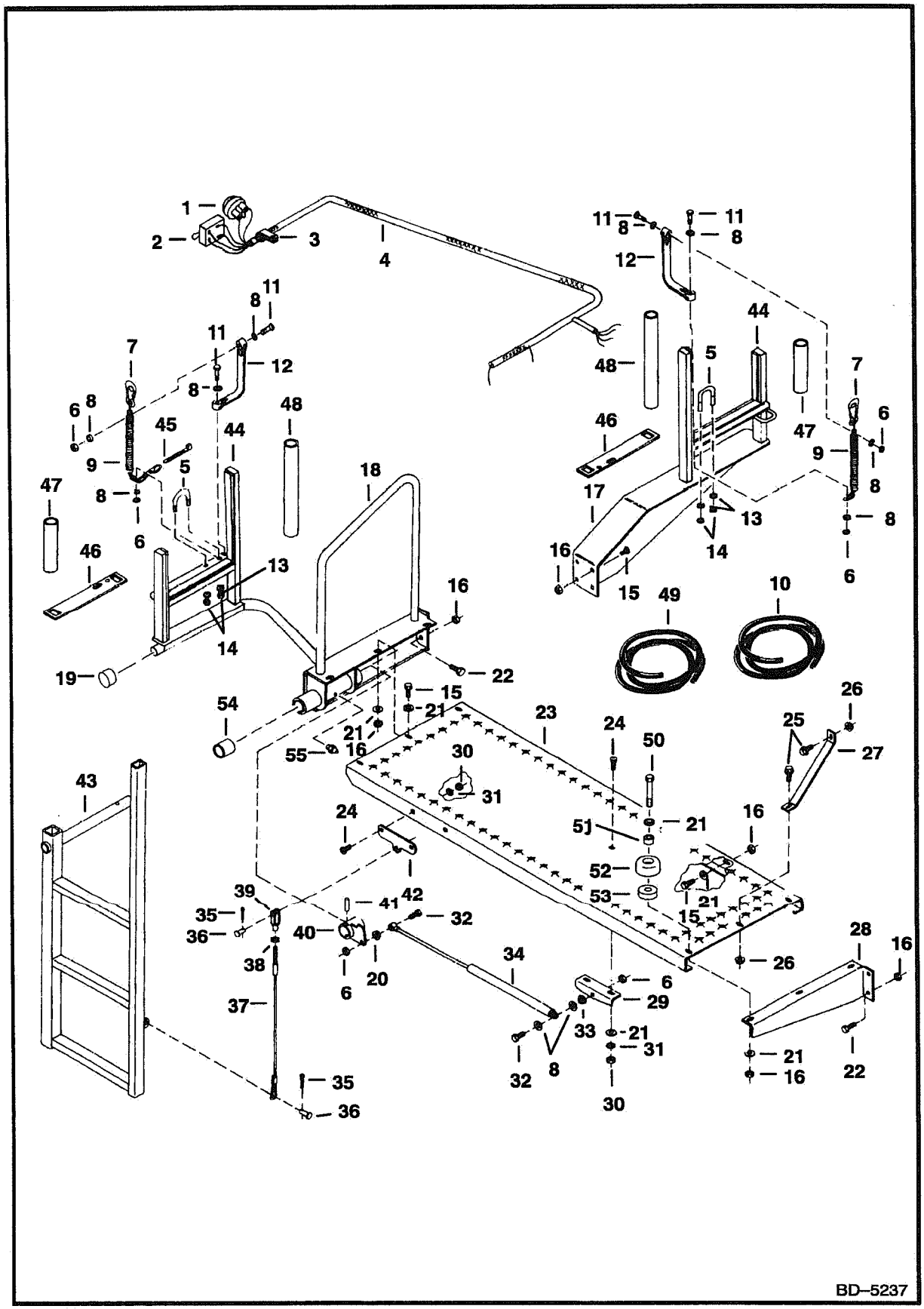
STEP AND FOOTBOARD – MODEL 230 (Cont'd)
(CHASSIS & BOOM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6632973	SWITCH			1
2	6599331	SWITCH	Toggle Reversing		1
	6652381	TOGGLE	Seal		1
3	30H–34	CLIP	Insulated		1
4	6617941	HARNESS	Boom L.H.		1
5	6626119	U–BOLT			1
6	85D–5	NUT			10
7	25E–16	WASHER			18
8	17C–524	BOLT			4
9	NAP	CONDUIT	42" Long – Order Ref. 10		1
10	6643249	CONDUIT	Bulk – Sold Per Foot		x
11	6617897	CHAIN	Was 6617194 [A]	209011837 & Bel.	2
	6626478	CHAIN		209011838 & Abv.	2
12	6512042	FASTENER	Rubber		2
13	4E–6	WASHER			2
14	61D–6	NUT			2
15	17C–616	BOLT			14
16	85D–6	NUT			18
17	6617685	SUPPORT	Boom	209011660 & Bel.	1
	6626154	SUPPORT	Boom	209011661 & Abv.	1
18	6617966	BRACKET		209011660 & Bel.	1
	6626157	BRACKET		209011661 & Abv.	1
19	6652867	CAP			1
20	4E–4	WASHER			2
21	25E–18	WASHER			43
22	31C–620	BOLT			4
23	6617949	FOOTBOARD			1
24	7C–616	BOLT			4
25	31C–616	BOLT			2
26	6599336	NUT			2
27	6617998	BRACE			1
28	6617951	SUPPORT			1
29	6617952	BRACKET			1
30	61D–6	NUT			4
31	4E–6	WASHER			4
32	17C–528	BOLT			2
33	6518382	NUT			2
34*	6700171	SPRING	Gas – W/Decal – Was 6700000[A]		1
35	1F–312	COTTER PIN			2
36	4F–6106	CLEVIS PIN	Was 2F–6106 [A]		2
37	6617970	CABLE			1
38	7D–6	NUT			1
39	6617994	CLEVIS	Rod End		1
40	6617953	BUSHING			1
41	14J–3728	PIN	Straight		1
42	6617969	PLATE			1
43	6617956	LADDER			1
44	6657058	CAP	Plastic		4
45	6624289	NYLON TIE			1
46	6626849	CUSHION			2
47	NAP	HOSE	7" (177,8mm) long – Order Ref. 49		2

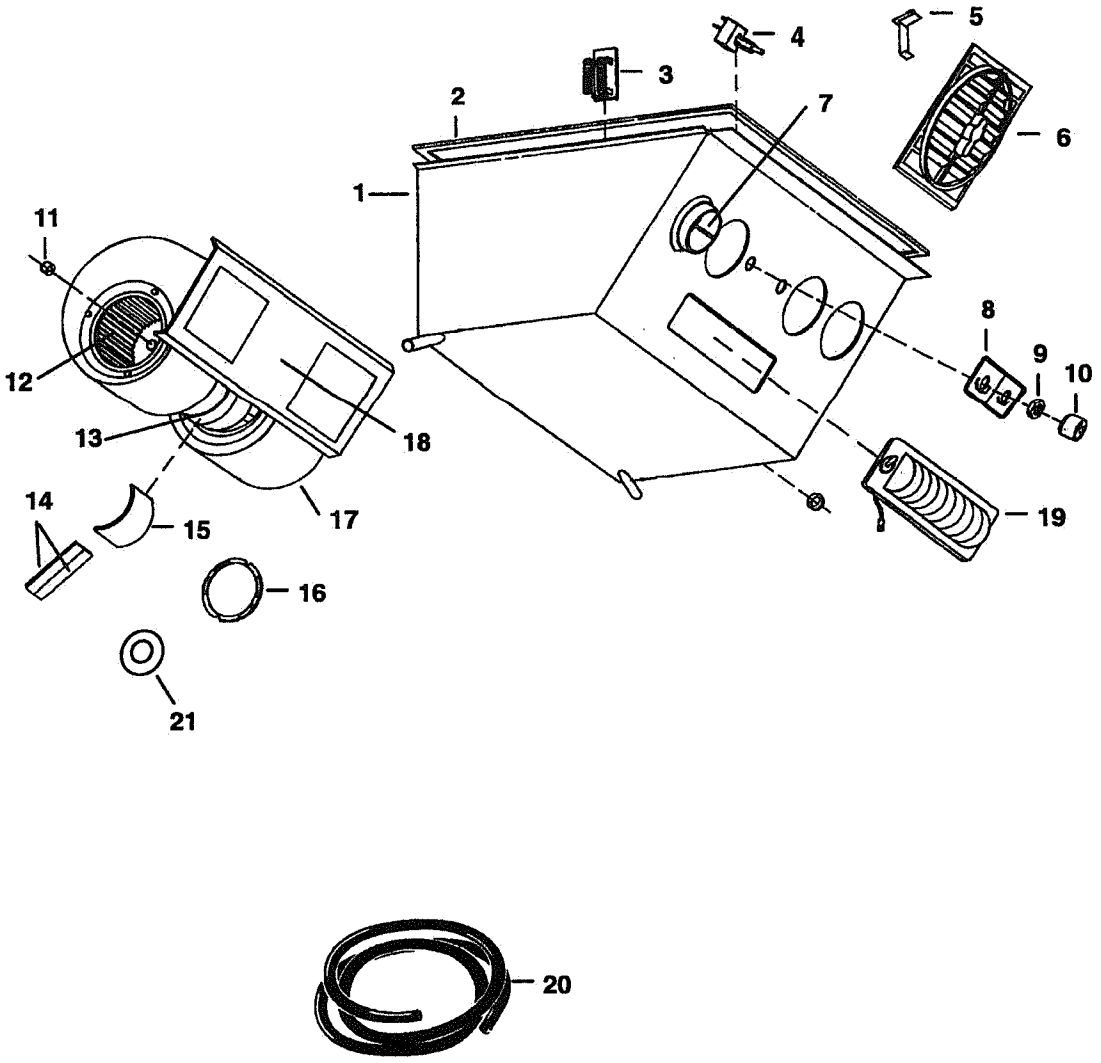
STEP AND FOOTBOARD – MODEL 230 (Cont'd)
(CHASSIS & BOOM)



STEP AND FOOTBOARD – MODEL 230 (Cont'd)
(CHASSIS & BOOM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
48	NAP	HOSE	13"(330,2mm) long – Order Ref. 49		2
49	6647765	HOSE – 1 1/2" ID	Bulk – Sold Per Foot		x
50	17C–636	BOLT			1
51	6532998	BUSHING			1
52	6584225	BUMPER	Rubber		1
53	6627260	SPACER			1
54	6631045	BUSHING			2
55	10H–35	GREASE ZERK			1

BLOWER
(CHASSIS & BOOM)

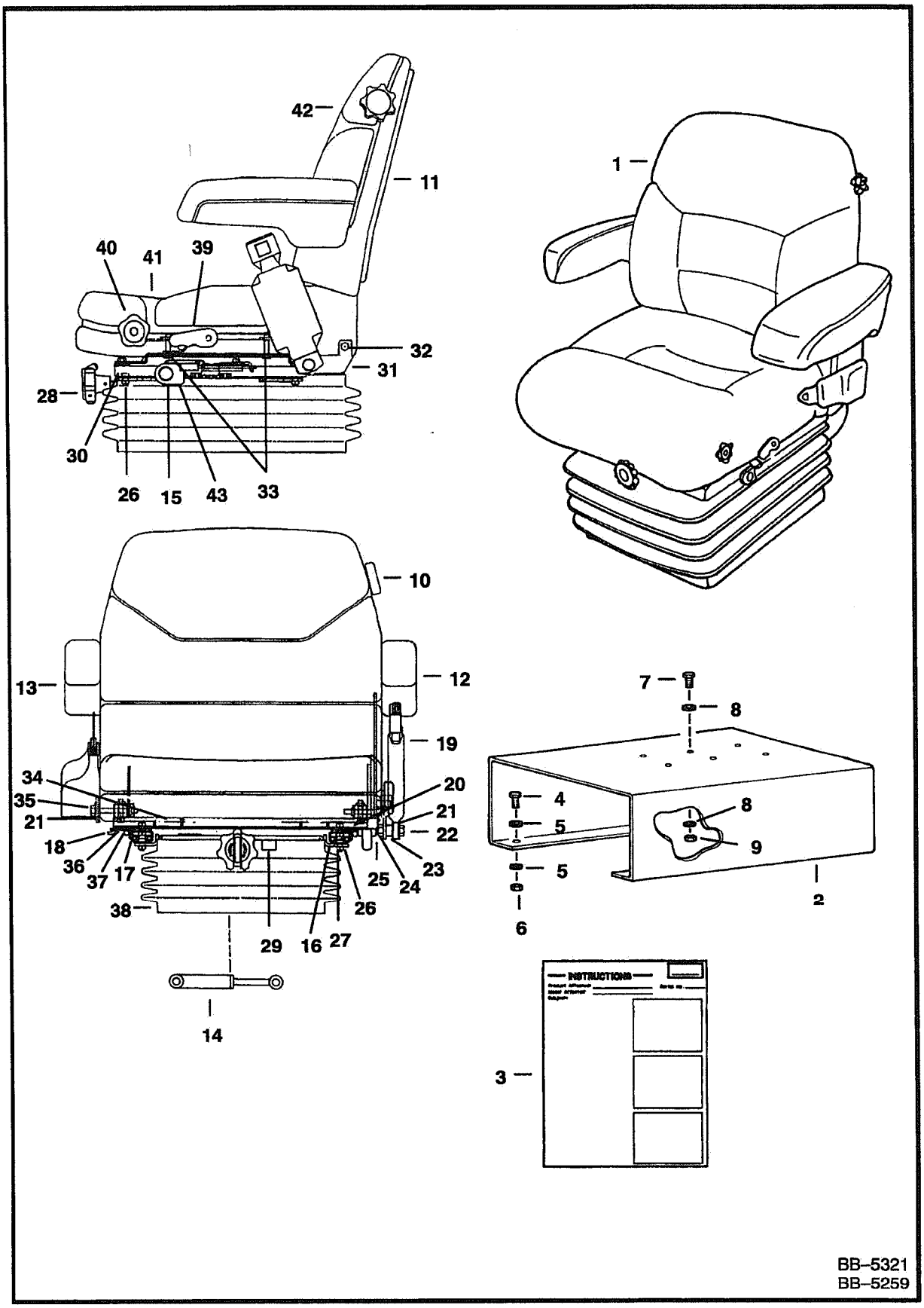


BB–5229

BLOWER (Cont'd)
(CHASSIS & BOOM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6656296	BLOWER	W/Ref. 3–13 & 17–19 – Was 6632139 [A]		1
2	NAP	GASKET	72" (1828,8mm) Long – Order Ref. 20		1
3	6632584	RESISTOR			1
4	6630780	SWITCH	Blower		1
5	6624438	CLIP	Louver – Used on old style louver Ref. 6 only		16
6	6624430	LOUVER	Old Style		4
7	6632587	BALL	Louvered Block		4
	6632588	RING	Front Block		4
	6632589	RING	Inner		4
	6632590	RETAINER	Rear Block		4
8	6632586	DECAL	Fan/Temperature		1
9	6624435	NUT	Jam		2
10	6630746	KNOB	Blower Switch		1
11	964107	CLIP			2
12	6632585	WHEEL – METAL	Blower – 3/8 Shaft		2
	6666860	WHEEL – PLASTIC	Blower – 5/16 Shaft		2
13	6630779	MOTOR	Blower – 3/8 Shaft		1
	6666859	MOTOR	Blower – 5/16 Shaft – Also Order Ref. 21		1
14	6632578	PAD	Motor – R.H. – Used Only On Hupp Blower		1
	6632579	PAD	Motor – L.H. – Used Only On Hupp Blower		1
15	6632580	PAD	Motor – Used Only On Hupp Blower		1
16	963032	GASKET	Motor – Used Only On Hupp Blower		2
17	6632581	SCROLL	R.H.		1
	6632582	SCROLL	L.H.		1
18	6632583	BLOWER	assembly – W/Ref. 11–13 & 17, Motor Shaft is 3/8"		1
	6666858	BLOWER	assembly – W/Ref. 11–13 & 17, Motor Shaft is 5/16"		1
19	6657407	LIGHT	Dome		1
20	6620646	GASKET	Bulk – Sold Per Foot		x
21	25E–8	WASHER	Used Only When Using Motor With 5/16" Shaft on Old Blower		4

SEAT SUSPENSION
(CHASSIS & BOOM)

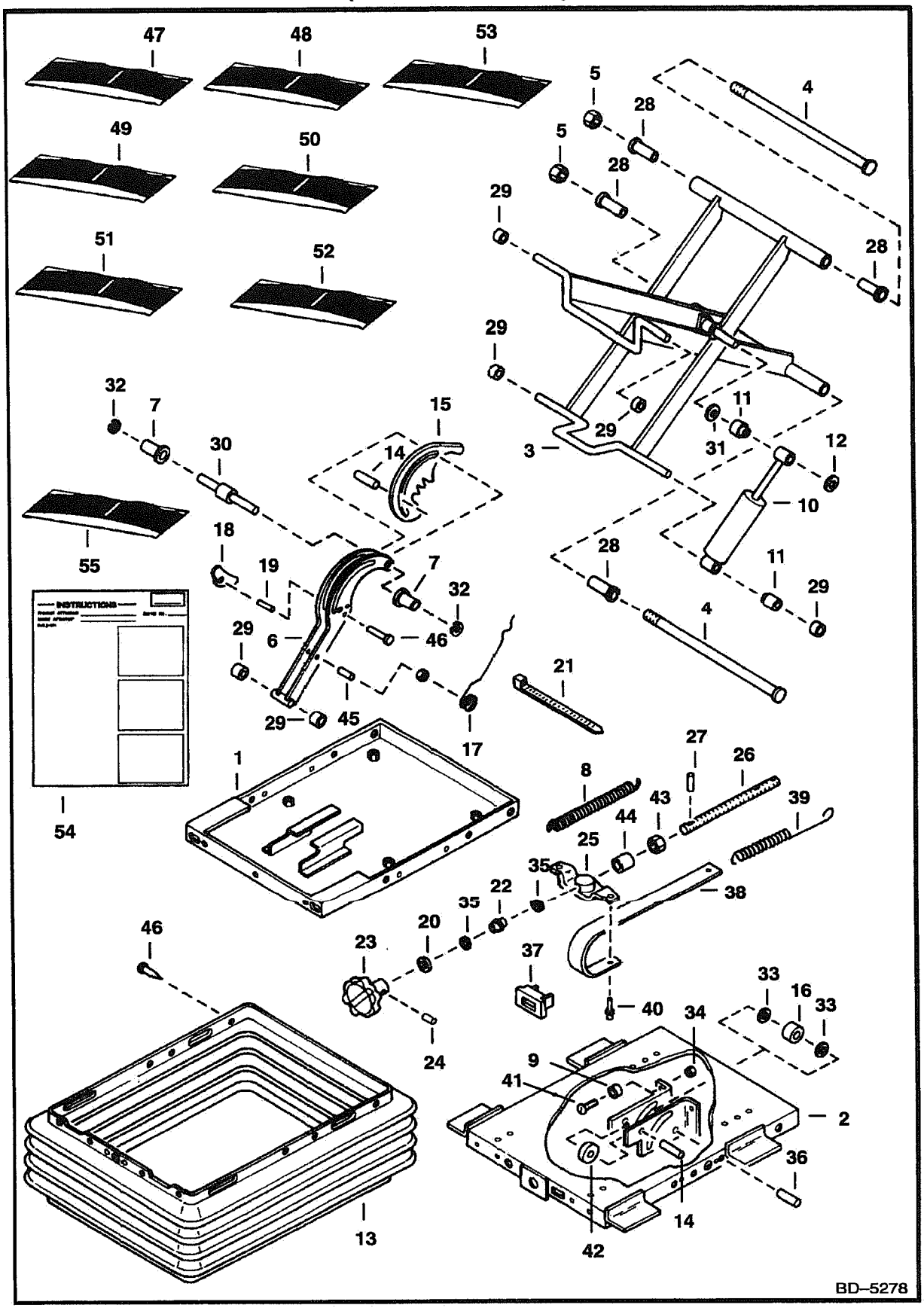


BB–5321
BB–5259

SEAT SUSPENSION (Cont'd)
(CHASSIS & BOOM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6653399	SEAT	W/Ref. 10 – 43		1
2	6618012	SUPPORT			1
3	6629513	INSTRUCTION	Operation		1
4	17C–520	BOLT			6
5	25E–16	WASHER			12
6	85D–5	NUT			6
7	17C–612	BOLT			6
8	25E–18	WASHER			12
9	85D–6	NUT			6
10	6659821	HANDLE			1
11	6653401	BACK COVER	W/Mtg. Clips		1
12	6653402	ARMREST	L.H. W/Pin		1
13	6653403	ARMREST	R.H. W/Pin		1
14		SHOCK	W/Bearings – See Page B12, Ref. 10		1
15	6653407	SLIDE	Kit – W/Ref. 16 – 18		1
16	NSS	SLIDE LOCKING	W/Handle – Order Ref. 15		1
17	NSS	SLIDE LOCKING	Order Ref. 15		1
18	NSS	WIRE	Slide Latch – Order Ref. 15		1
19	6653414	SEAT BELT	Set – W/Mounting Hardware		1
20	6653408	PLATE	Mounting and Cam Support		1
21	6659822	WASHER			2
22	6659823	BOLT			1
23	6653420	SPACER			1
24	6653418	NUT			1
25	6653419	SPACER			2
26	6653416	NUT			8
27	6659824	BOLT			4
28	6661826	KIT	Handle–pin – Was 6659825 [A]		1
29	NSS	GUIDE	Weight Adj. – See Page B12, Ref. 37 – Was 6659826 [A]		1
	NSS	TAPE	Weight Adj. – See Page B12, Ref. 38 – Was 6659827 [A]		1
	NSS	SPRING	Weight Adj. – See Page B12, Ref. 39 – Was 6659828 [A]		1
30	6653415	BOLT			4
31	6653417	BRACKET	Mtg. – Seat Belt		1
32	6659829	BOLT			2
33	6659830	BOLT			4
34	NAP	DECAL	Serial No.		1
35	6659831	BOLT			1
36	6659832	FLATWASHER			4
37	6659833	FLATWASHER			4
38		BOOT	See Page B12, Ref 13		1
39	6659834	HANDLE	Recliner		1
40	6659835	HANDLE	Tilt Seat		1
41	6653410	SEAT	Cushion		1
42	6653412	BACK	Cushion		1
43	6660342	HANDLE	Fore – Aft		1

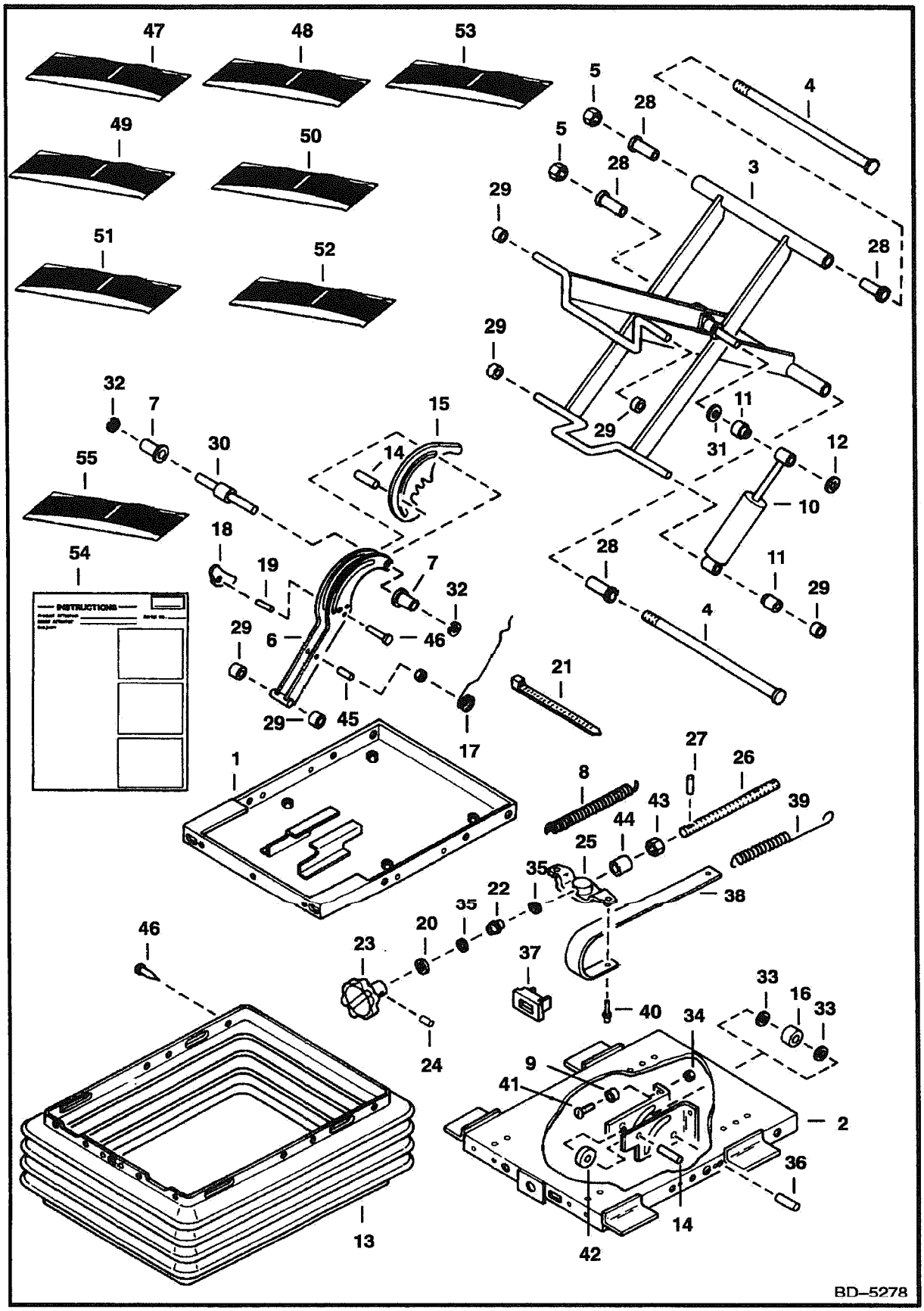
SEAT SUSPENSION – LOWER
(CHASSIS & BOOM)



SEAT SUSPENSION – LOWER (Cont'd)
(CHASSIS & BOOM)

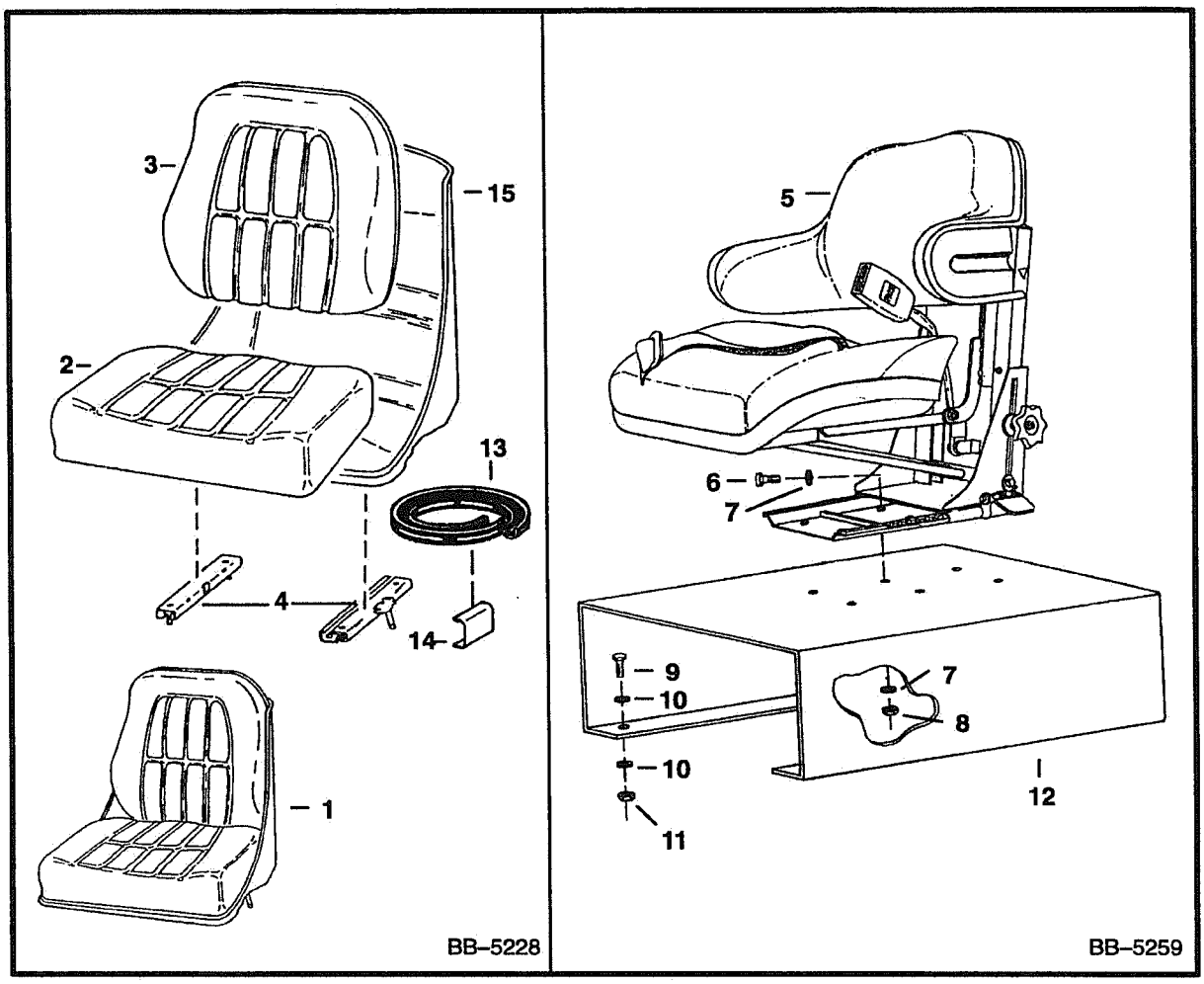
Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6661520	HOUSING	Lower		1
2	6661521	HOUSING	Upper		1
3*	6672465	ARM	Suspension – Was 6661522 [A]		1
4	6661523	SHAFT			2
5	6661524	NUT			2
6	6661525	ARM & SHAFT			1
7	NSS	BUSHING	Spring – order Ref. 53 – Was 6661526 [A]		2
8	6661527	SPRING			2
9	6661528	BUMPER			2
10	NSS	SHOCK	Absorber –order Ref. 51 – Was 6661529 [A]		1
11	NSS	BUSHING	Shock – order Ref. 51 – Was 6661530 [A]		2
12	NSS	FASTENER	Push–on – order Ref. 51 – Was 6661531 [A]		1
13	6661532	BOOT	W/Buttons – Ref. 46		1
14	6661533	ROLL PIN			2
15	6661534	CAM			1
16	6661535	CAM	Follower		1
17	NSS	SPRING	Height Adjust – order Ref. 49 – Was 6661536 [A]		1
18	6661537	LATCH			1
19	6661538	ROLL PIN			1
20	6659833	FLATWASHER			1
21	6661539	TIE			1
22	6661540	BEARING	Thrust		1
23	NSS	KNOB	Order Ref. 55 – Was 6661541 [A]		1
24	NSS	ROLL PIN	Order Ref. 55 – Was 6661542 [A]		1
25	6661543	ADJUSTER	Weight		1
26	NSS	SHAFT	Weight adjust – order Ref. 55 – Was 6661544 [A]		1
27	NSS	ROLL PIN	Order Ref. 48 – Was 6661545 [A]		1
28	NSS	BEARING	Tube – order Ref. 52 – Was 6661546 [A]		4
29	NSS	ROLLER	Order Ref. 52 – Was 6661547 [A]		6
30	6661548	SHAFT	Spring – Was NSS [A]		1
31	6661549	WASHER	Plastic		1
32	NSS	RING	Retaining – order Ref. 53 – Was 6661550 [A]		2
33	6661551	WASHER			2
34	6661552	NUT			2
35	6661553	THRUST	Race		2
36	6661554	ROLL PIN			1
37	NSS	GUIDE	Weight adjust – order Ref. 49 – Was 6661555 [A]		1
38	NSS	TAPE	Weight adjust – order Ref. 49 – Was 6661556 [A]		1
39	NSS	SPRING	Weight adjust – order Ref. 49 – Was 6661557 [A]		1
40	6661558	RIVET	Pop		1

SEAT SUSPENSION – LOWER (Cont'd)
(CHASSIS & BOOM)



SEAT SUSPENSION – LOWER (Cont'd)
(CHASSIS & BOOM)

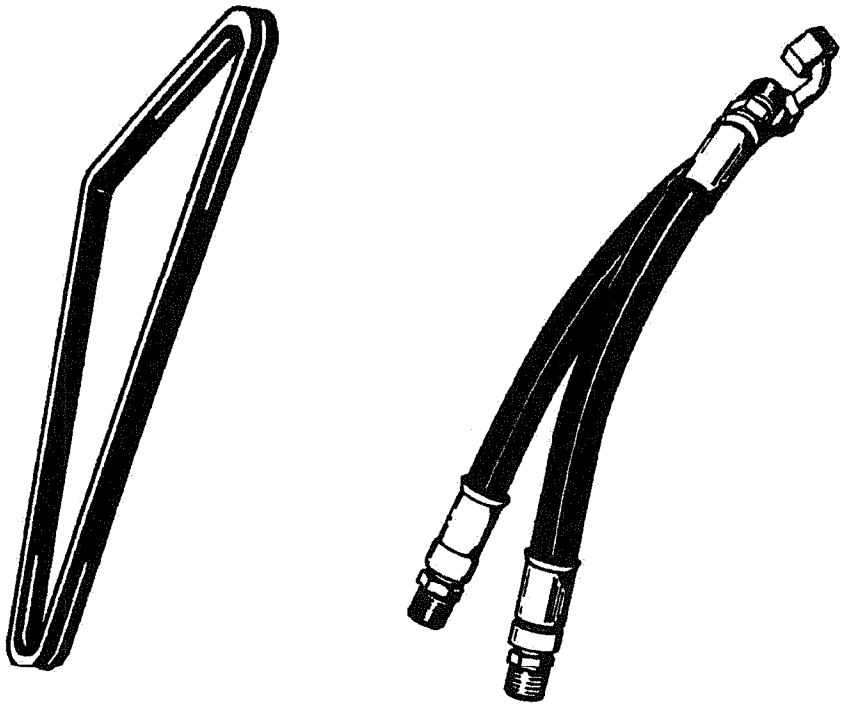
Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
41	6661559	BOLT			2
42	6661560	CAM	Follower		1
43	NSS	NUT	Weight adjust – order Ref. 48 –		
			Was 6661561[A]		1
44	NSS	SPACER	Weight adjust – order Ref. 48 –		
			Was 6661562 [A]		1
45	6661563	RIVET	Solid		1
46	NSS	BUTTONS	Order Ref. 47		21
47	6661564	BUTTONS	Pkg. 21 pieces		1
48	6669228	KIT	Weight adjust –W/Ref. 20, 22, 25,		
			27, 35, 43, 44, 54 – Was		
			6661824 [A]		1
49	6661825	KIT	Weight adjust – W/Ref. 17, 37–39		1
50	NAP	KIT	Knob-pin – W/Ref. 23, 24 – order		
			Ref. 55 – Was 6661826 [A]		1
51	6653404	KIT	Shock – W/Ref. 10–12		1
52	6653405	KIT	Roller tube – W/Ref. 28, 29		1
53	6669227	KIT	Weight Adjustment Spring –		
			W/Ref. 7, 8 & 32		1
54	NSS	INSTRUCTIONS	mounting – for kit Ref. 48		1
55	6669229	KIT	Knob – Shaft W/Ref. 23, 24 & 26		1



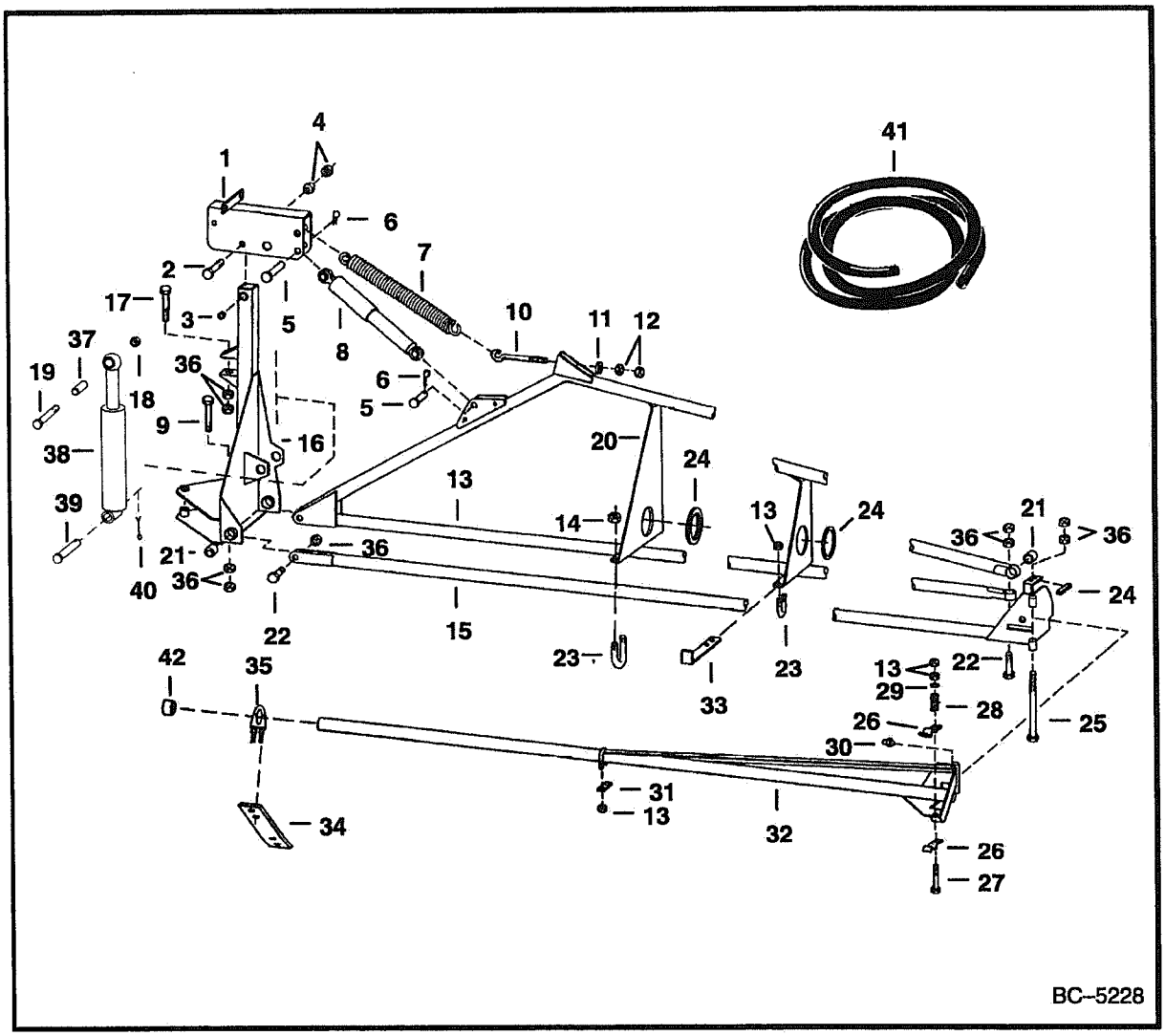
SEAT ASSEMBLY (Standard) **SUSPENSION SEAT (Optional)**
(CHASSIS & BOOM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6563140	SEAT	With Mounting Hex Nuts and Tracks Ref. 2–4 & 13–15		1
2	6630468	CUSHION	Seat		1
3	6630465	CUSHION	Back		1
4	6630469	TRACK	With Latch		1
	6599780	TRACK	Without Latch		1
5	NAP	SEAT	Suspension – Use with Support Ref. 12 – Was 6631619 [A]		1
6	17C–612	BOLT			6
7	25E–18	WASHER			12
8	85D–6	NUT			6
9	17C–520	BOLT			6
10	25E–16	WASHER			12
11	85D–5	NUT			6
12	6625516	SUPPORT	Suspension Seat		1
13	6652935	EDGING	8 Feet (243cm) long		1
14	6665656	CLIP	Secure Edging to Seat		1
15	NSS	FRAME	Order Ref. 1		1

Use only Melroe belts and hoses to maintain maximum service life.



Available from Melroe Parts.



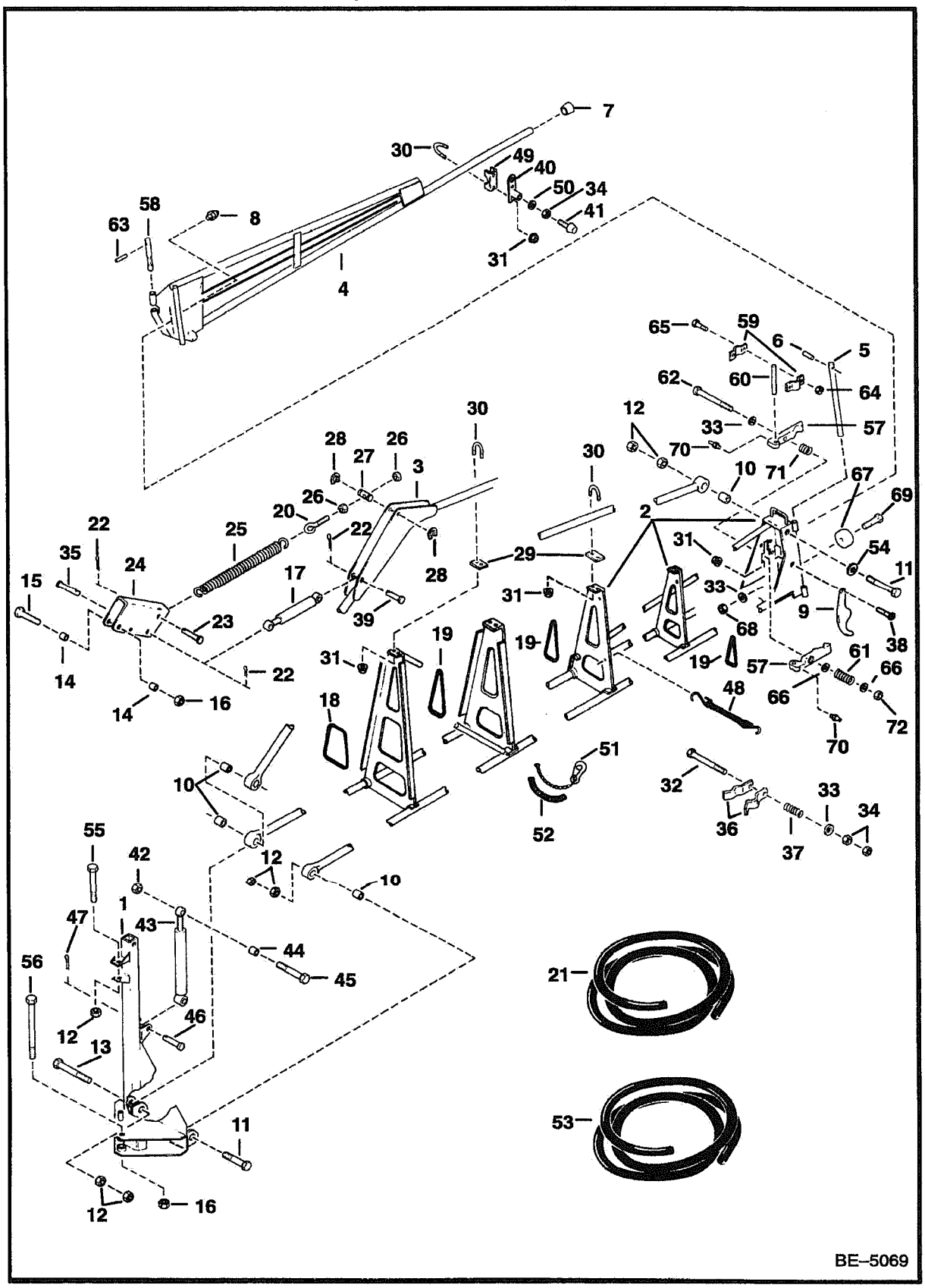
BOOM–50 FOOT – 1 1/2" TUBE
(S/N 209211156 & Bel. – S/N 208912918 & Bel. – S/N 209011660 & Bel.)
(CHASSIS & BOOM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6620537	BELLCRANK			1
	6618114	BELLCRANK	Model W/Hydraulic Booms		1
2	17C–1056	BOLT			1
3	6613050	BUSHING	Oilite		2
4	7D–10	NUT			2
5	6505054	CLEVIS PIN			3
6	1F–420	COTTER PIN			3
7	6623264	SPRING			1
8	6623263	SHOCK ABSORBER			1
9	17C–1080	BOLT			1
10	6620545	BOLT	Eye		1
11	6623265	WASHER	Spherical		1
12	61D–6	NUT			2

BOOM – 50 FOOT – 1 1/2" TUBE (Cont'd)
(S/N 209211156 and Bel. – S/N 208912918 and Bel. – S/N 209011660 and Bel.)
(CHASSIS & BOOM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
13	6624594	BOOM	Inner – R.H. – W/Support, Ref. 20		1
	6624593	BOOM	Inner – L.H. – W/Support, Ref. 20 – Was 6624594 [D]		1
14	85D–5	NUT			8
15	6620528	HINGE	Tube – L.H		1
	6620529	HINGE	Tube – R.H		1
16	6624641	HINGE	Main – R.H		1
	6624643	HINGE	Main – L.H		1
	6618116	HINGE	Main – R.H. – Machines With Hydraulic Boom Controls		1
	6618117	HINGE	Main – L.H. – Machines With Hydraulic Boom Controls		1
17	17C–1072	BOLT			1
18	85D–8	NUT			2
19	17C–888	BOLT			1
20	6624939	SUPPORT	Boom – R.H.		1
	6624940	SUPPORT	Boom – L.H.		1
21	6617429	BUSHING	Rubber		4
22	17C–1048	BOLT			4
23	6612940	U–BOLT			2
24	NAP	RUBBER STRIP	15" (381mm) Long – Order Ref. 41		1
25	17C–10136	BOLT			1
26	6607936	CATCH	Boom		2
27	17C–552	BOLT			1
28	6615492	SPRING	Catch		1
29	25E–16	WASHER			1
30	6527380	GREASE ZERK			1
31	6608527	PLATE	U–Bolt		1
32	6624833	BOOM	Outer – R.H.		1
	6624832	BOOM	Outer – L.H.		1
33	6617181	BRACKET			1
34	6617182	SKID	Boom		1
35	6634608	CLAMP	Assembly		1
36	61D–10	NUT			8
37	6618175	BUSHING	Model W/Hydraulic Boom		2
38		CYLINDER	Tip Lift Model W/Hydraulic Boom – See Page H9		x
39	6618187	CLEVIS PIN	Model W/Hydraulic Boom		2
40	1F–624	COTTER PIN	Model W/Hydraulic Boom		2
41	6620417	RUBBER STRIP	Bulk – Sold per Foot		x
42	6652867	CAP			2

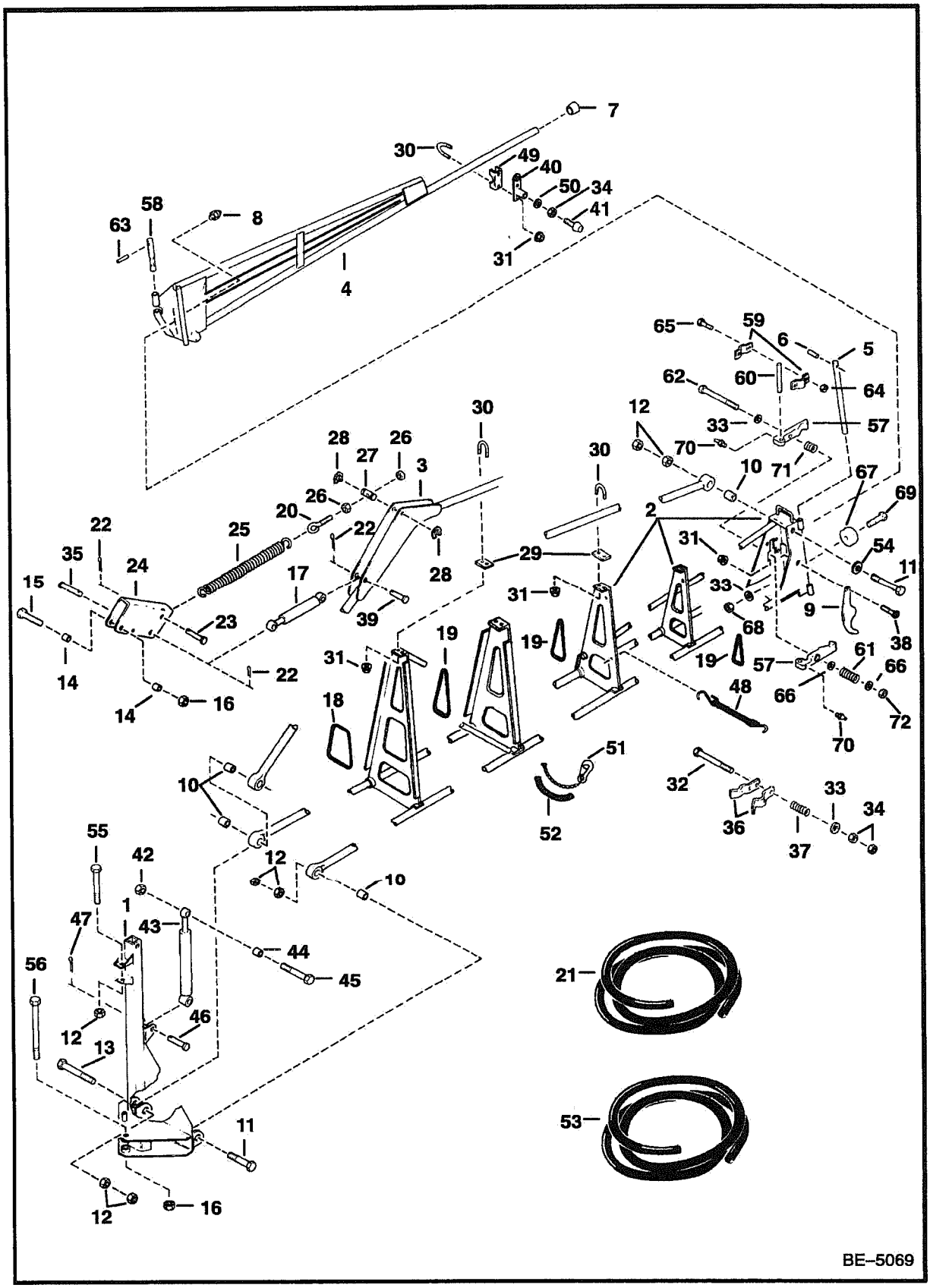
BOOM – 60 FOOT– 1 3/4" TUBE
(S/N 209211157 & Abv. – S/N 208912919 & Abv. – S/N 209011661 & Abv.)
(CHASSIS & BOOM)



BOOM – 60 FOOT– 1 3/4" TUBE (Cont'd)
(S/N 209211157 & Abv. – S/N 208912919 & Abv. – S/N 209011661 & Abv.)
(CHASSIS & BOOM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6617575	HINGE	L.H.		1
	6617574	HINGE	R.H.		1
2	6626000	BOOM	Inner – L.H.	208913749 & Bel.	
				209211264 & Bel.	
				209012010 & Bel.	1
	6596865	BOOM	Inner – L.H. – Was 6627556 [A]	208913750 & Abv.	
				209211265 & Abv.	
				209012011 & Abv.	1
	6617594	BOOM	Inner – R.H.	208913749 & Bel.	
				209211264 & Bel.	
				209012010 & Bel.	1
	6596866	BOOM	Inner – R.H. – Was 6627551 [A]	208913750 & Abv.	
				209211265 & Abv.	
				209012011 & Abv.	1
3	6626011	TUBE	Support – L.H.		1
	6626010	TUBE	Support – R.H.		1
4	6626008	BOOM	Outer – L.H. – Style Two, Tube	208913749 & Bel.	
				209211264 & Bel.	
				209012010 & Bel.	1
	6596611	BOOM	Outer – L.H. – Style Three Tube – Was 6627559 [A]	208913750 & Abv.	
				209211265 & Abv.	
				209012011 & Abv.	1
	6626006	BOOM	Outer – R.H. – Style Two Tube	208913749 & Bel.	
				209211264 & Bel.	
				209012010 & Bel.	1
	6596610	BOOM	Outer – R.H. – Style Three Tube –		
			Was 6627554 [A]	208913750 & Abv.	
				209211265 & Abv.	
				209012011 & Abv.	1
5	6626149	PIN			1
6	14J–1816	ROLL PIN			1
7	6659910	CAP			1
8	6527380	GREASE ZERK			1
9	6626035	STOP			1
10	6617579	BUSHING	Rubber		4
11	17C–1064	BOLT			2
12	61D–10	NUT			6
13	17C–10104	BOLT			1
14	6613050	BUSHING			2
15	17C–1056	BOLT			1
16	85D–10	NUT			3
17	6664598	SHOCK	Was 6660322 [A]		1
18	NAP	MOULDING	18" (457,2mm) Long – Order Ref. 21		1
19	NAP	MOULDING	21" (533,4mm) Long – Order Ref. 21		3

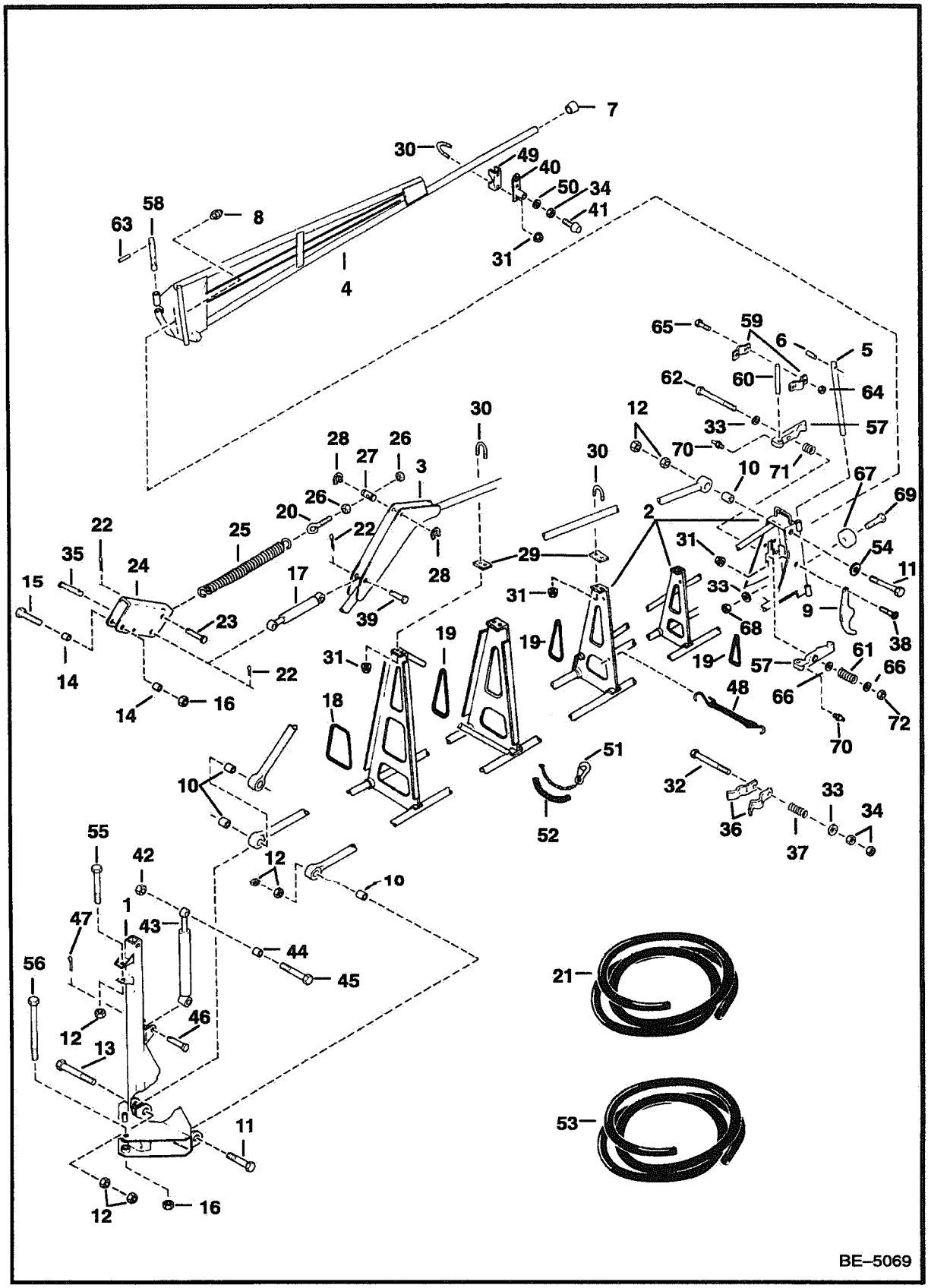
BOOM – 60 FOOT– 1 3/4" TUBE (Cont'd)
(S/N 209211157 & Abv. – S/N 208912919 & Abv. – S/N 209011661 & Abv.)
(CHASSIS & BOOM)



BOOM – 60 FOOT– 1 3/4" TUBE (Cont'd)
(S/N 209211157 & Abv. – S/N 208912919 & Abv. – S/N 209011661 & Abv.)
(CHASSIS & BOOM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
20	6620545	EYE BOLT		208913119 & Bel. 209211162 & Bel. 209011748 & Bel.	1
	6626401	EYE BOLT		208913120 & Abv. 209211163 & Abv. 209011749 & Abv.	1
21	6620417	RUBBER STRIP	Bulk – Sold Per Foot		x
22	1F–420	COTTER PIN			3
23	6505054	CLEVIS PIN			1
24	6617582	BELLCRANK			1
25	6627326	SPRING	Was 6617978 [A]		1
26	61D–6	NUT		208913119 & Bel.	
	61D–8	NUT		209211162 & Bel. 209011748 & Bel 208913120 & Abv.	2
27	6626199	PIN		209211163 & Abv. 209011749 & Abv. 208913119 & Bel.	2
	6626399	PIN		209211162 & Bel. 209011748 & Bel 208913120 & Abv.	1
28*	1320431	SNAP RING	Was 6538286 [A]	209211163 & Abv. 209011749 & Abv. 208913119 & Bel.	1
	6538287	SNAP RING	Was 6626400 [A]	209211162 & Bel. 209011748 & Bel 208913120 & Abv.	2
29	6626198	PAD		209211163 & Abv. 209011749 & Abv.	2 4
30	6626119	U–BOLT			5
31	89D–6	NUT			12
32	17C–552	BOLT		208913749 & Bel.	
33	25E–16	WASHER		209211264 & Bel. 209012010 & Bel.	1 3
34	61D–5	NUT			3
35	6633446	CLEVIS PIN			1
36	6607936	CATCH		208913749 & Bel.	
37	6615492	SPRING		209211264 & Bel. 209012010 & Bel. 208913749 & Bel.	2
38	9G–616	BOLT		209211264 & Bel. 209012010 & Bel.	1 1
39	6507096	CLEVIS PIN			1
40	6626690	SUPPORT	Was 6626197 [A]		1
41	6661800	BUMPER	Was 6649040 [A]		1

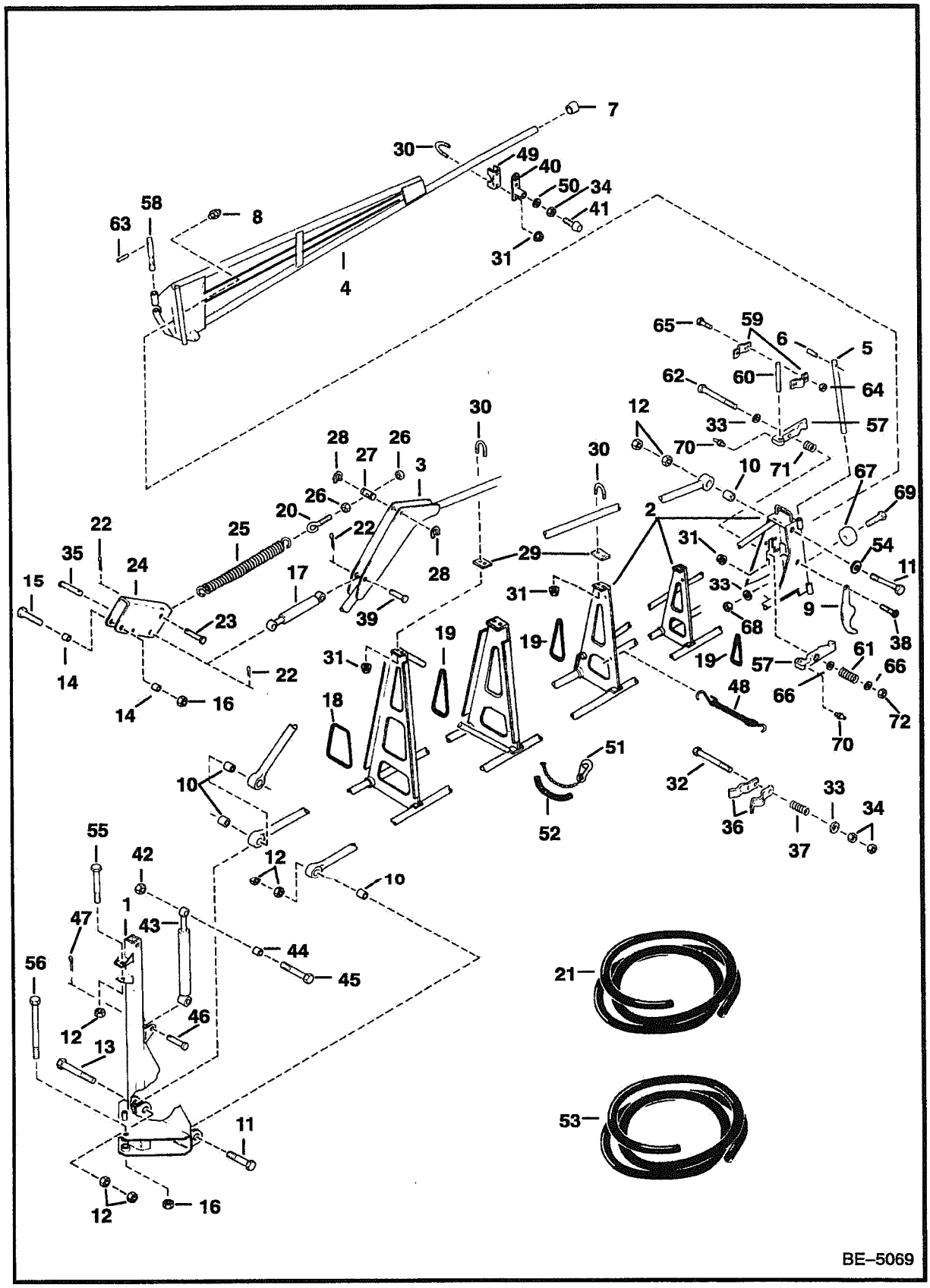
BOOM – 60 FOOT– 1 3/4" TUBE (Cont'd)
(S/N 209211157 & Abv. – S/N 208912919 & Abv. – S/N 209011661 & Abv.)
(CHASSIS & BOOM)



BOOM – 60 FOOT– 1 3/4" TUBE (Cont'd)
(S/N 209211157 & Abv. – S/N 208912919 & Abv. – S/N 209011661 & Abv.)
(CHASSIS & BOOM)

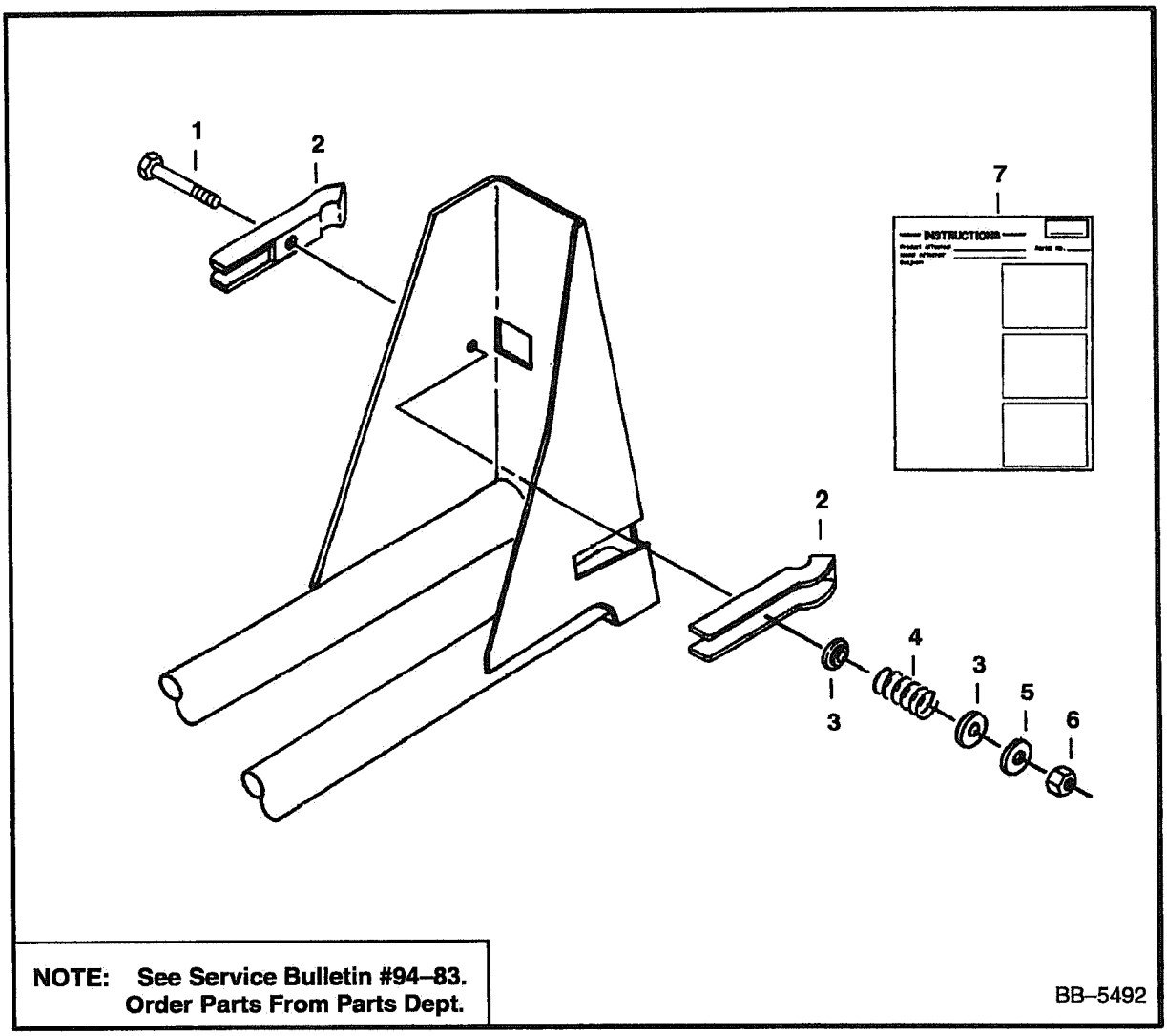
Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
42	85D–8	NUT			1
43		CYLINDER	Tip Lift – See Page H9		1
44	6618175	BUSHING			1
45	17C–888	BOLT			1
46	6618187	CLEVIS PIN			1
47	1F–624	COTTER PIN			1
48	NAP	RUBBER STRAP	W/Hooks – Order Ref. 51 – Was 6660569 [A]		2
49	6660351	CLAMP	Was 6626724 [A]		1
50	4E–5	WASHER			2
51	6626692	CHAIN	W/Hook		1
52	NAP	CONDUIT	6" (152,4mm) long – Order Ref. 53		1
53	6643249	CONDUIT	Bulk – Sold Per Foot		x
54	25E–25	WASHER			1
55	17C–1072	BOLT			1
56	17C–10136	BOLT			1
57	6627334	CATCH	Boom	208913750 & Abv.	2
				209211265 & Abv.	2
				209012011 & Abv.	2
58	6627449	PIN	Latch	208913750 & Abv.	1
				209211265 & Abv.	1
				209012011 & Abv.	1
59	6627452	CLAMP		208913750 & Abv.	4
				209211265 & Abv.	4
				209012011 & Abv.	4
60	6627453	PIN	Pivot	208913750 & Abv.	1
				209211265 & Abv.	1
				209012011 & Abv.	1
61	6627667	SPRING	Outer	208913750 & Abv.	1
				209211265 & Abv.	1
				209012011 & Abv.	1
62	1CM–8130	BOLT	Was 17C–556 [D]	208913750 & Abv.	1
				209211265 & Abv.	1
				209012011 & Abv.	1
63	14J–2520	PIN		208913750 & Abv.	1
				209211265 & Abv.	1
				209012011 & Abv.	1
64	85D–5	NUT		208913750 & Abv.	4
				209211265 & Abv.	4
				209012011 & Abv.	4
65	17C–512	BOLT		208913750 & Abv.	4
				209211265 & Abv.	4
				209012011 & Abv.	4
66	6627665	WASHER		208913750 & Abv.	2
				209211265 & Abv.	2
				209012011 & Abv.	2

BOOM – 60 FOOT– 1 3/4" TUBE (Cont'd)
(S/N 209211157 & Abv. – S/N 208912919 & Abv. – S/N 209011661 & Abv.)
(CHASSIS & BOOM)



BOOM – 60 FOOT– 1 3/4" TUBE (Cont'd)
(S/N 209211157 & Abv. – S/N 208912919 & Abv. – S/N 209011661 & Abv.)
(CHASSIS & BOOM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
67	6584225	BUMPER	Rubber	208913750 & Abv.	1
				209211265 & Abv.	1
				209012011 & Abv.	1
68	85D–6	NUT		208913750 & Abv.	1
				209211265 & Abv.	1
				209012011 & Abv.	1
69	17C–616	BOLT		208913750 & Abv.	1
				209211265 & Abv.	1
				209012011 & Abv.	1
70	10H–35	GREASE ZERK		208913750 & Abv.	2
				209211265 & Abv.	2
				209012011 & Abv.	2
71	6595960	SPRING	Inner	208913750 & Abv.	2
				209211265 & Abv.	2
				209012011 & Abv.	2
72	39DM–8	NUT			2



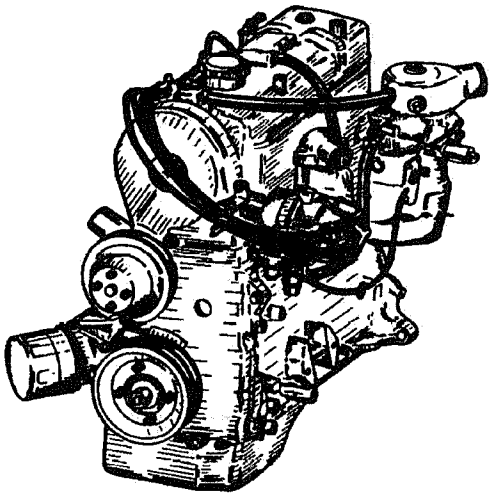
NOTE: See Service Bulletin #94–83.
Order Parts From Parts Dept.

BB–5492

CATCH – BOOM OUTER – 60 FOOT BOOM – 1 3/4" TUBE (CHASSIS & BOOM)

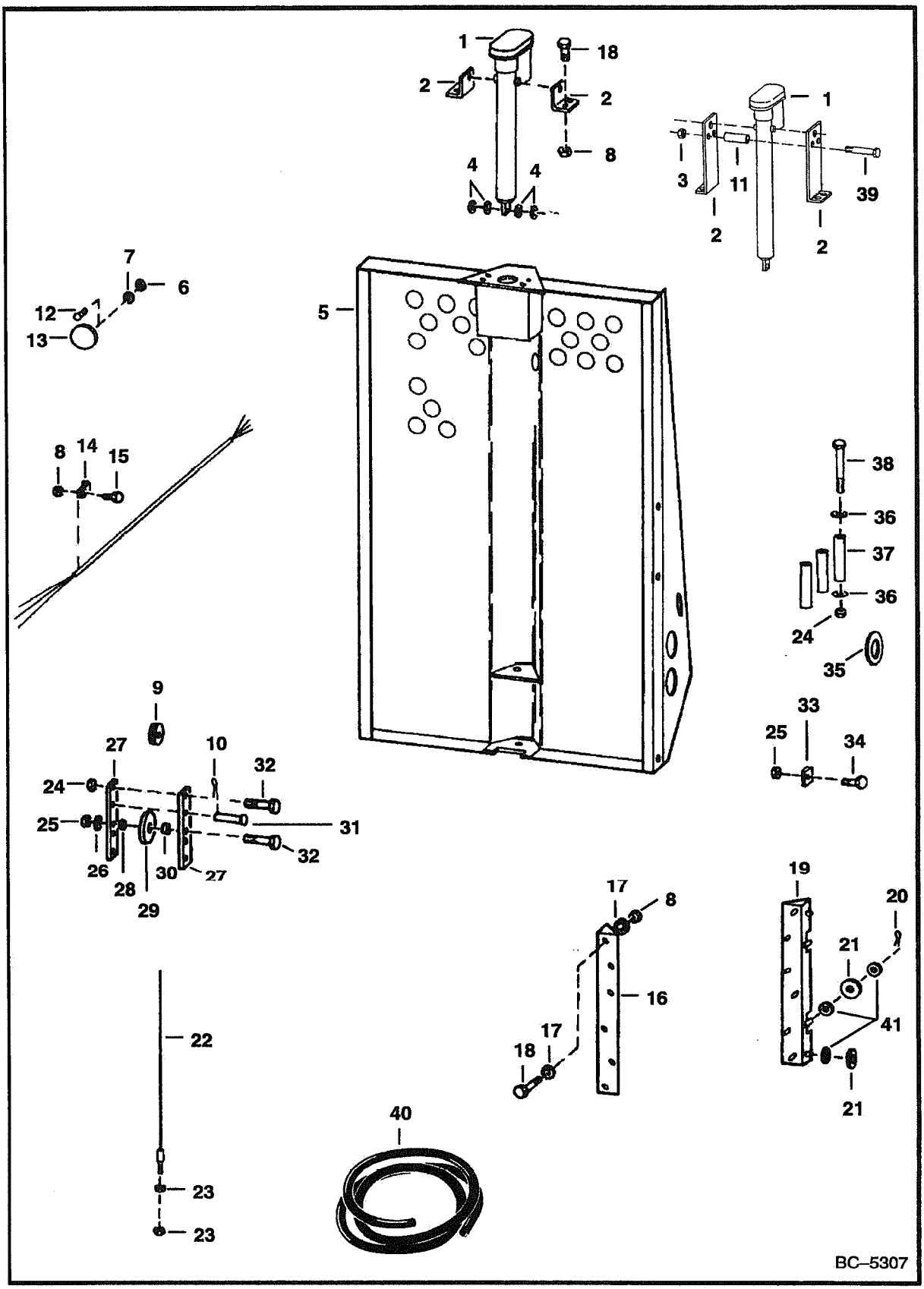
Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	17C–580	BOLT			2
2	6595006	CATCH			4
3	6627665	SPACER			4
4	6627667	SPRING			2
5	25E–16	WASHER			2
6	85D–5	NUT			2
7	6629559	INSTRUCTIONS	Mounting		1

Both new and rebuilt engines are available from Melroe.



Available from Melroe Parts.

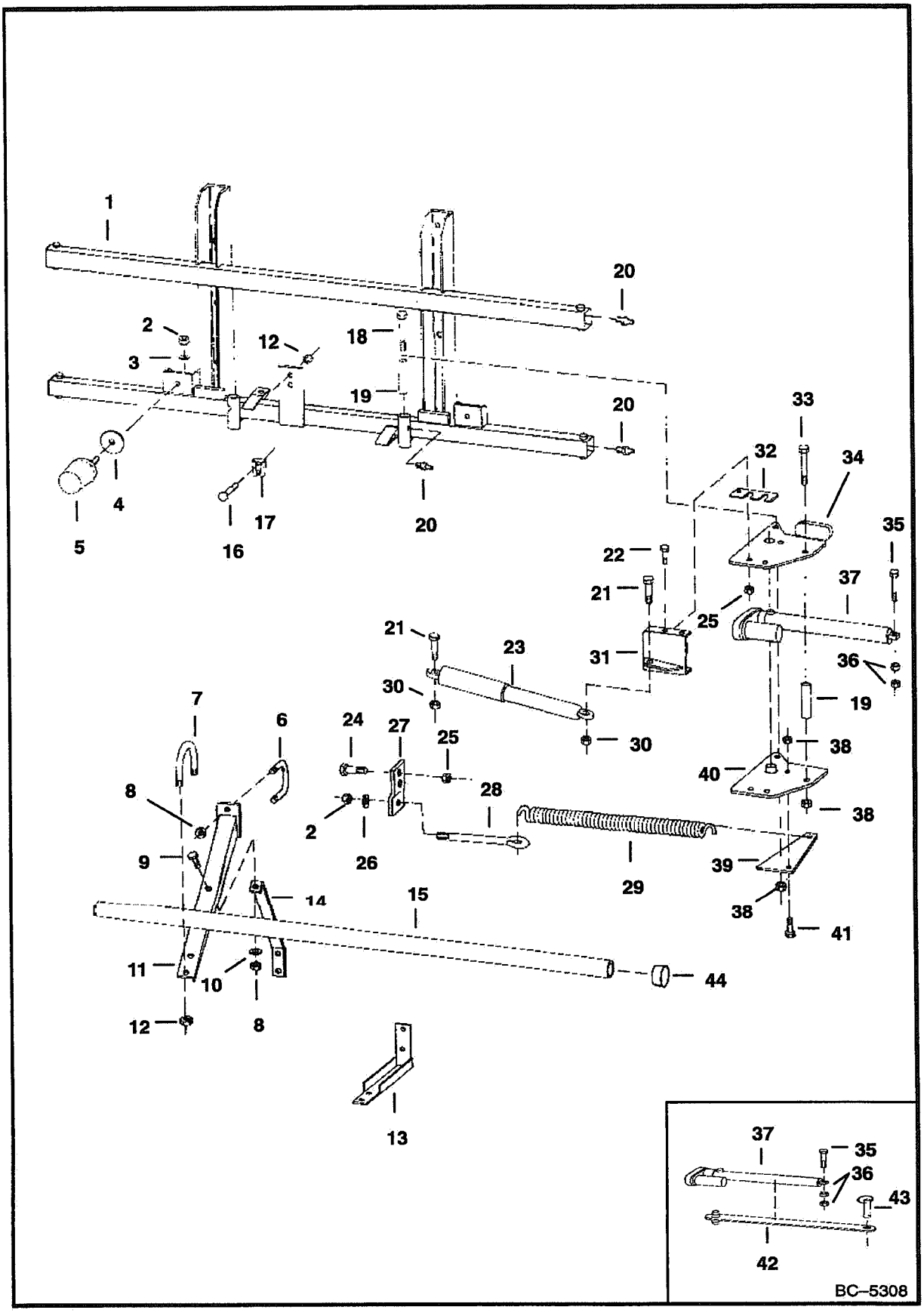
BOOM SUPPORT – WITH ELECTRIC BOOMS
(CHASSIS & BOOM)



BOOM SUPPORT – WITH ELECTRIC BOOM (Cont'd)
(CHASSIS & BOOM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1		ACTUATOR	Linear 12" – 220 – See Page D1		1
		ACTUATOR	Linear 18" – 230 – See Page D1		
2	6624684	BRACKET	Actuator Mount – 220		2
	6617931	BRACKET	Actuator Mount – 230		2
3	61D–6	NUT			2
4	25E–21	WASHER			6
5	6625543	SUPPORT	Boom		1
6	14D–10	NUT			2
7	17E–10	WASHER			2
8	85D–6	NUT			29
9	731972	GROMMET			1
10	1320075	HAIR PIN			1
11	6615701	BUSHING	Roller – 230 Only		2
12	86G–1008	SCREW			2
13	6625553	LAMP	Tail		1
14	30H–16	CLIP	Insulated		1
15	17C–616	BOLT			9
16	6627466	BRACKET	Roller – L.H. – Was 6624689 [A]		1
17	27E–6	WASHER	Flat – Hardened		24
18	17C–656	BOLT		220–5555 & Bel.	8
	17C–620	BOLT		220–5556–6537 & 208911001 & Abv.	
				209011001 & Abv.	20
19	6627463	BRACKET	Roller – R.H. – Was 6624662 [A]		1
20	1F–416	COTTER PIN			4
21	6658639	BEARING	assy. – Was 6624666 [A]		12
22	6624464	CABLE	Boom Lift		1
23	7D–8	NUT			4
24	85D–8	NUT			9
25	61D–8	NUT			3
26	4E–8	WASHER			1
27	6624686	STRAP			2
28	660867	BUSHING	Oilite		1
29	6624527	SHEAVE	Assy. – W/Ref. 28		1
30	6624526	SPACER			1
31	6616572	CLEVIS PIN			1
32	17C–836	BOLT			2
33	6624691	STOP			2
34	17C–828	BOLT			2
35	NAP	RUBBER STRIP	12" (304,8mm) Long – Order Ref. 40		1
36	27E–8	WASHER	Hardened		12
37	6625430	SPACER	Boom Support – See Page A14, Ref.12		6
38	17C–8104	BOLT			6
39	17C–664	BOLT			2
40	6620417	RUBBER STRIP	Bulk – Sold Per Foot		x
41	25E–25	WASHER			16

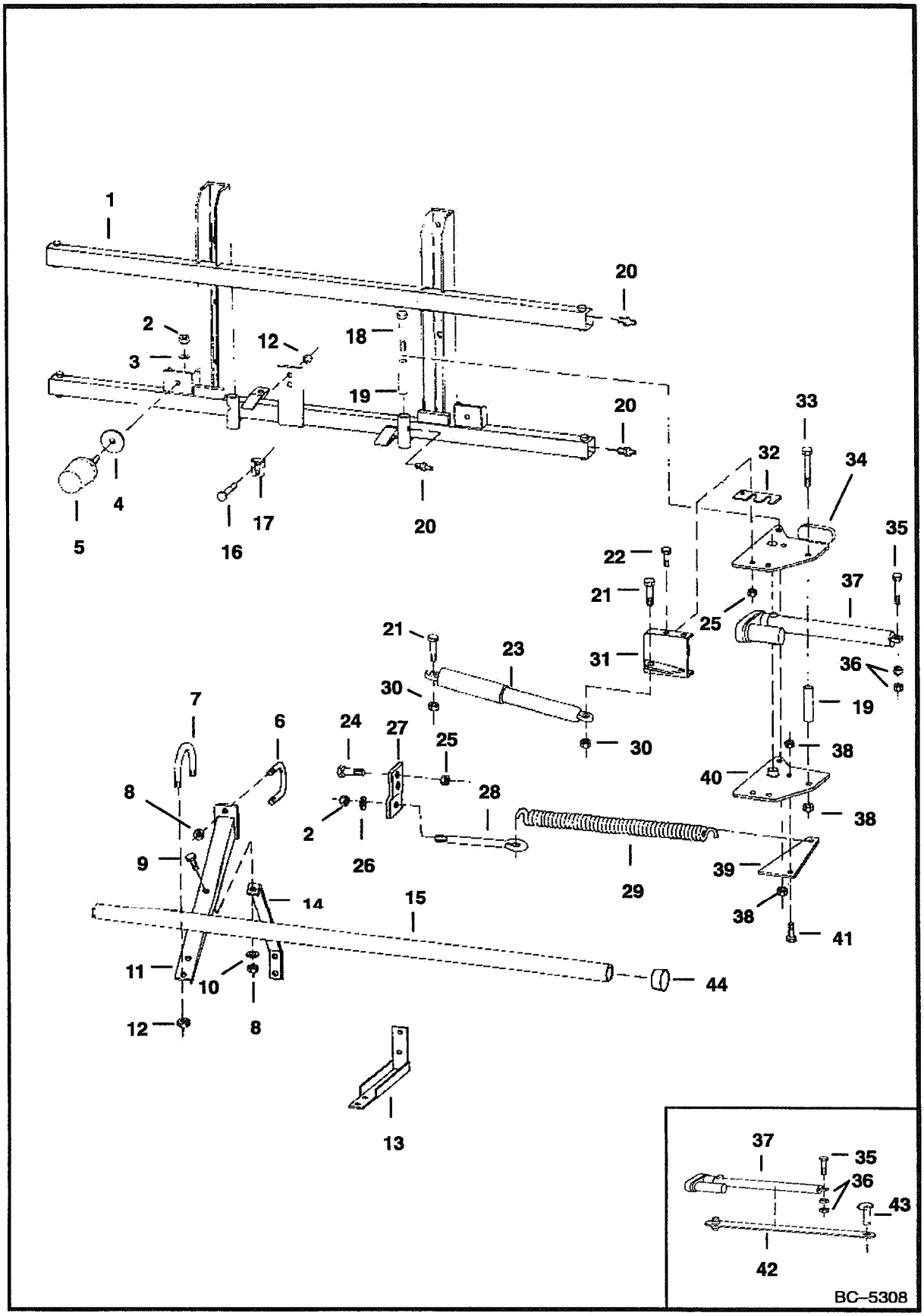
MAIN FRAME BOOM – WITH ELECTRIC BOOMS
(CHASSIS & BOOM)



MAIN FRAME BOOM – WITH ELECTRIC BOOMS (Cont'd)
(CHASSIS & BOOM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6625542	MAIN FRAME	Boom – 220		1
	6617927	MAIN FRAME	Boom – 230		1
2	61D–6	NUT			4
3	4E–6	WASHER			2
4	6543321	SHIM			2
5	6530360	BUMPER			2
6	6620133	U–BOLT			2
7	6612940	U–BOLT			2
8	85D–8	NUT			6
9	17C–816	BOLT			2
10	25E–21	WASHER			6
11	6617765	BRACKET			2
12	81D–5	NUT			4
13	NAP	BRACKET	Replace with Bracket Ref. 11, and Brace Ref. 14 – Was 6617192 [A]		2
14	6617780	BRACKET			2
15	6624529	TUBE	center boom		1
16	7C–512	BOLT			2
17	6519752	SOCKET	SMV Emblem		1
18	17C–1096	BOLT			4
19	6624692	SLEEVE	pivot plate	220–6490–6537 & 208911001 & Above	1
20	6527380	GREASE ZERK			6
21	17C–1248	BOLT			4
22	17C–616	BOLT			9
23	6623263	SHOCK ABSORBER			x
24	17C–620	BOLT			8
25	85D–6	NUT			29
26	25E–17	WASHER			2
27	6625538	BRACKET			2
28	6620545	BOLT	Used for Spring Removal		2
29	6623264	SPRING			1
30	85D–12	NUT			2
31	6624680	MOUNT	Shock		2
32	NAP	SHIM	Was 6617968 [A]		2
33	17C–8104	BOLT			6
34	6617786	PIVOT	Top – R.H.	220–6490–6537 & 208911001 & Above	1
	6617785	PIVOT	Top – L.H	220–6490–6537 & 208911001 & Above	1
	6624674	PIVOT	Top – L.H. or R.H.	220–6489 & Bel.	1
35	17C–888	BOLT			2
36	61D–8	NUT			3
37		ACTUATOR	Linear 8" – See Page D1 & D3		2
38	81D–10	NUT			6
39	6624683	BRACKET			2

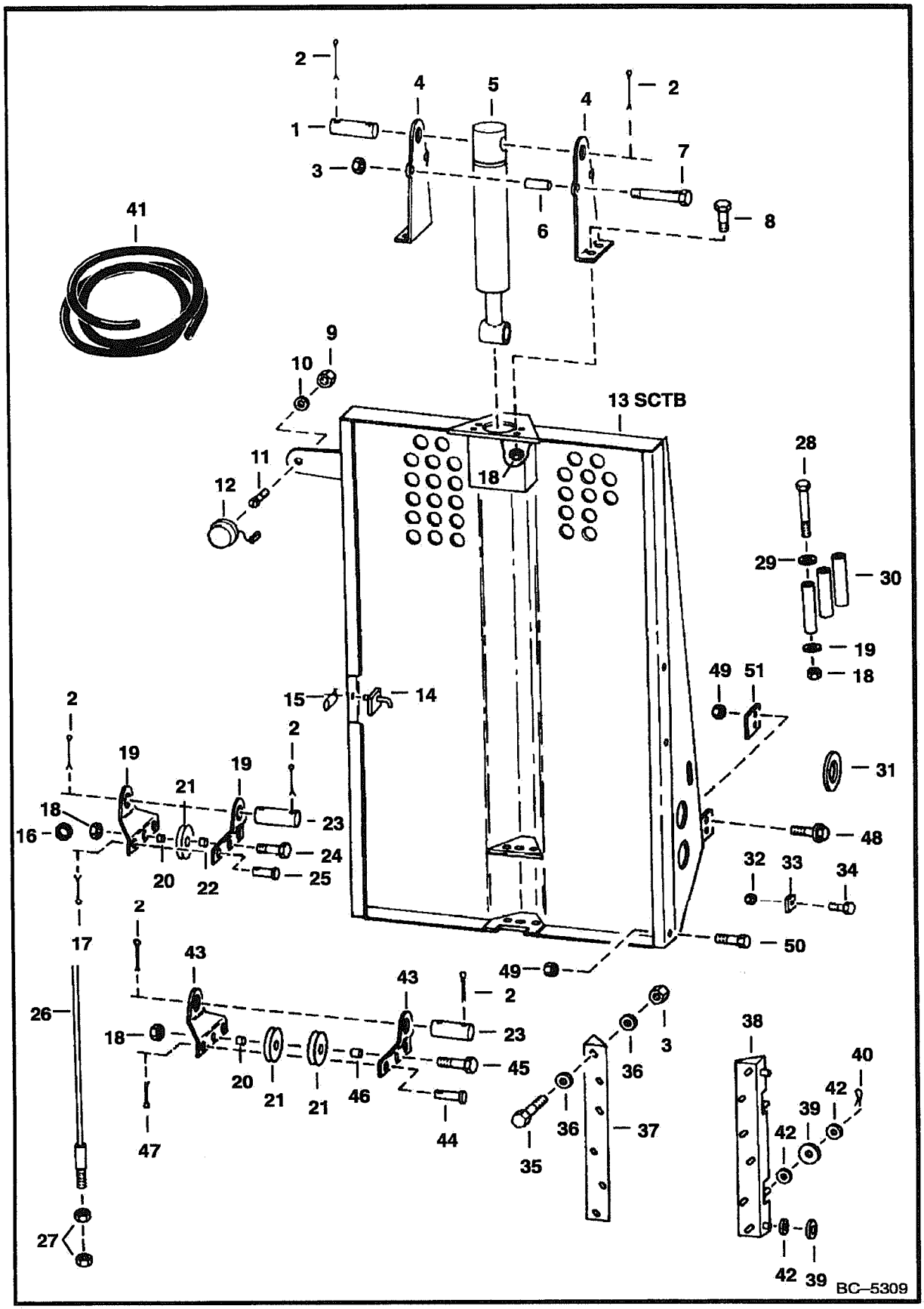
MAIN FRAME BOOM – WITH ELECTRIC BOOMS (Cont'd)
(CHASSIS & BOOM)



MAIN FRAME BOOM – WITH ELECTRIC BOOMS (Cont'd)
(CHASSIS & BOOM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
40	6617790	PIVOT	Bottom – R.H.	220–6490–6537 & 208911001 & Abv.	1
	6617789	PIVOT	Bottom – L.H.	220–6490–6537 & 208911001 & Abv.	1
	6624677	PIVOT	Bottom – R.H.	220–6489 & Bel.	1
	6634679	PIVOT	Bottom – L.H.	220–6489 & Bel.	1
41	17C–1024	BOLT			2
42	6625544	BAR	Boom Lock		2
43	6632114	PIN			2
44	6652867	CAP			2

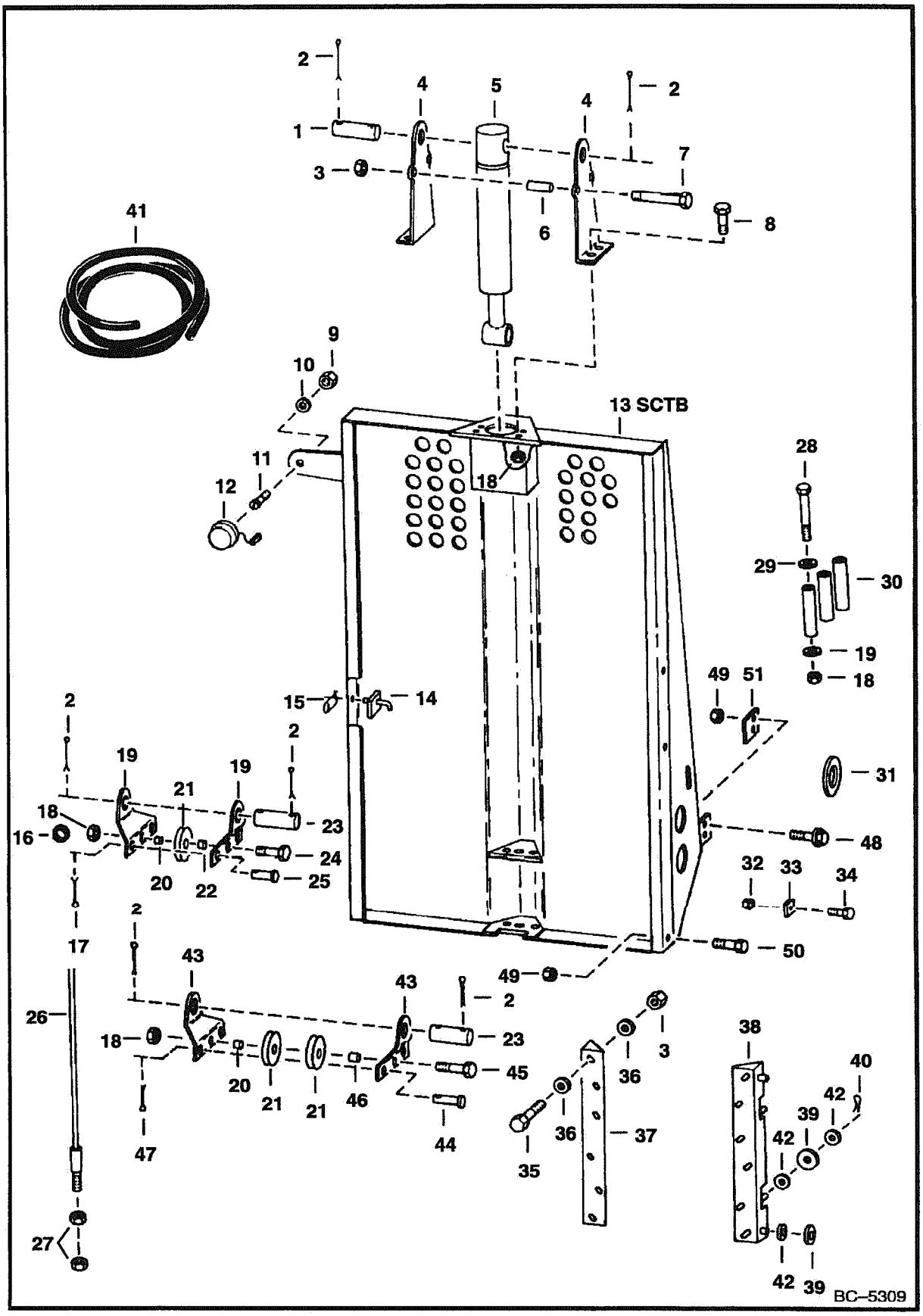
BOOM SUPPORT – WITH HYDRAULIC BOOMS
(CHASSIS & BOOM)



BOOM SUPPORT – WITH HYDRAULIC BOOMS (Cont'd)
(CHASSIS & BOOM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6618228	PIN	Lift Cylinder		1
2	1F–1028	COTTER PIN			4
3	85D–6	NUT			28
4	6618125	BRACKET			2
5		CYLINDER	Boom Lift – See Page H5		1
6	6618229	SPACER			2
7	17C–664	BOLT			2
8	17C–824	BOLT			4
9	12D–10	NUT			2
10	17E–10	WASHER			2
11	85G–1012	BOLT			2
12	6625553	LAMP	Tail		1
	6612300	LENS	Tail		1
	NAP	BULB	Purchase locally #GE164		1
13	6618180	SUPPORT	Boom – See SCTB-SCO15	208913249 & Bel.	
				209211195 & Bel.	
				209011857 & Bel.	1
	6626563	SUPPORT	Boom – double cable	208913250 & Abv.	
				209211196 & Abv.	
				209011858 & Abv.	1
14	6618232	STOP			2
	6626627	STOP	Used on following S/N	208912919–13101	
				209211157–11158	
				209011661–11745	2
15	6599971	PIN	Safety		2
16	731972	GROMMET			1
17	1F–516	COTTER PIN	Single – sheave		2
18	85D–8	NUT			21
19	6618126	GUIDE	Single – sheave		2
20	660867	BUSHING	Oilite		x
21	6624527	SHEAVE	Assy. – W/Ref. 20		x
22	6624526	SPACER	Single – sheave		1
23	6533106	PIN	Cylinder Rod		1
24	17C–836	BOLT	Single – sheave		1
25	6616572	CLEVIS PIN	Single – sheave		2
26	6624464	CABLE	Lift		2
27	7D–8	NUT			8
28	17C–8104	BOLT			6
29	27E–8	WASHER	Hardened		12
30	6625430	SPACER			6
31	NAP	STRIP RUBBER	12" (304,8mm) Long – Order Ref. 41		1
32	61D–8	NUT			2
33	6624691	STOP			2
34	17C–828	BOLT			2
35	17C–620	BOLT			12
36	27E–6	WASHER	Hardened		24
37	6627466	BRACKET	Roller – L.H. – Was 6624689 [A]		1
38	6627463	BRACKET	Roller – R.H. – Was 6624662 [A]		1
39	6658639	BEARING	assy. – Was 6624666 [A]		12
40	1F–416	COTTER PIN			4

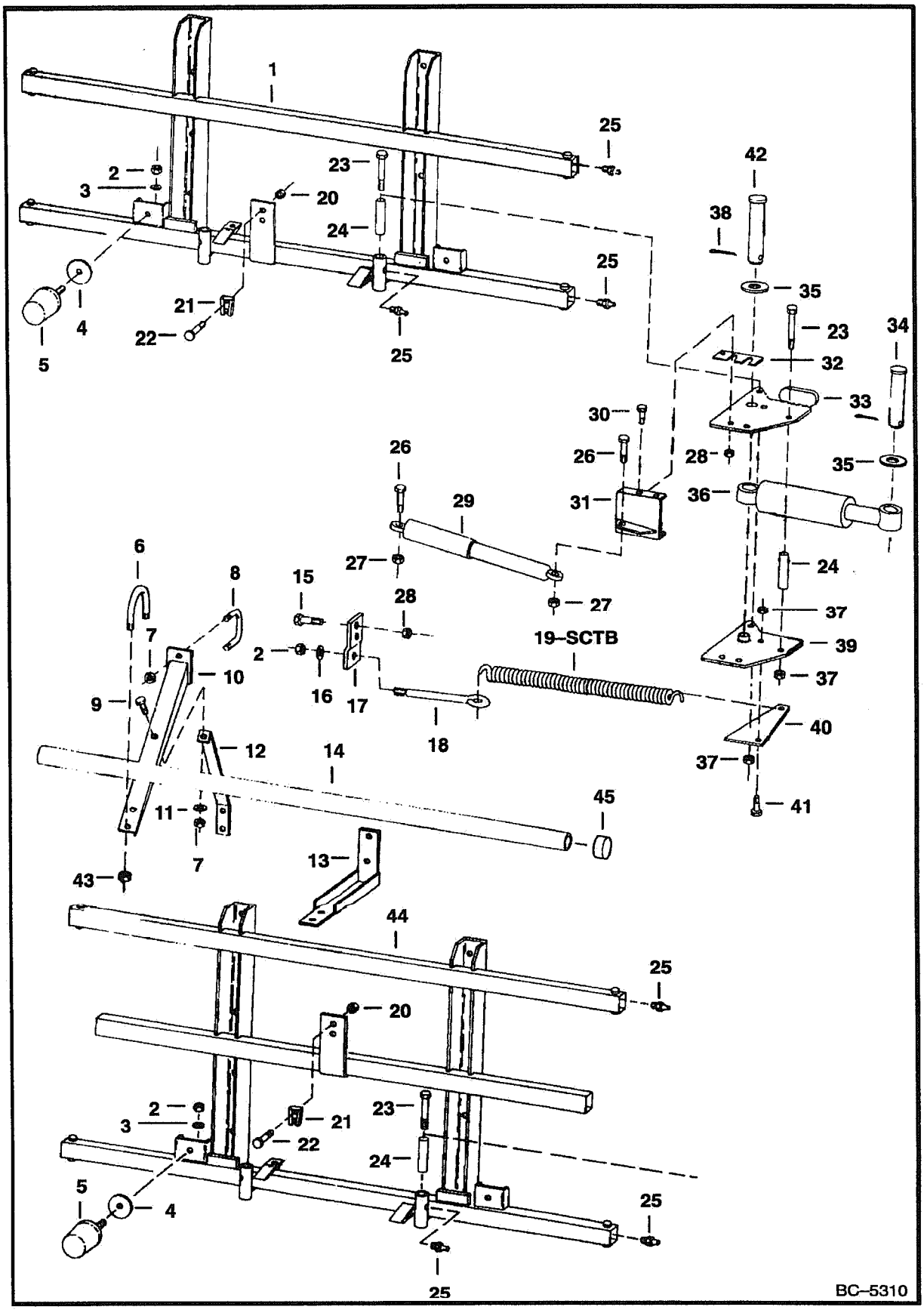
BOOM SUPPORT – WITH HYDRAULIC BOOMS (Cont'd)
(CHASSIS & BOOM)



BOOM SUPPORT – WITH HYDRAULIC BOOMS (Cont'd)
(CHASSIS & BOOM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
41	6620417	RUBBER STRIP	Bulk –Sold Per Foot		x
42	25E–25	WASHER			20
43	6626546	GUIDE	Double – sheave		2
44	6536929	PIN	Double – sheave		2
45	17C–848	BOLT	Double – sheave		1
46	6626548	SPACER	Double – sheave		1
47	1F–416	COTTER PIN	Double – sheave		2
48	35C–824	BOLT			4
49	89D–8	NUT			12
50	35C–820	BOLT			8
51	6626120	SPACER		208913250 & Abv. 209011858 & Abv.	
				209211196 & Abv.	

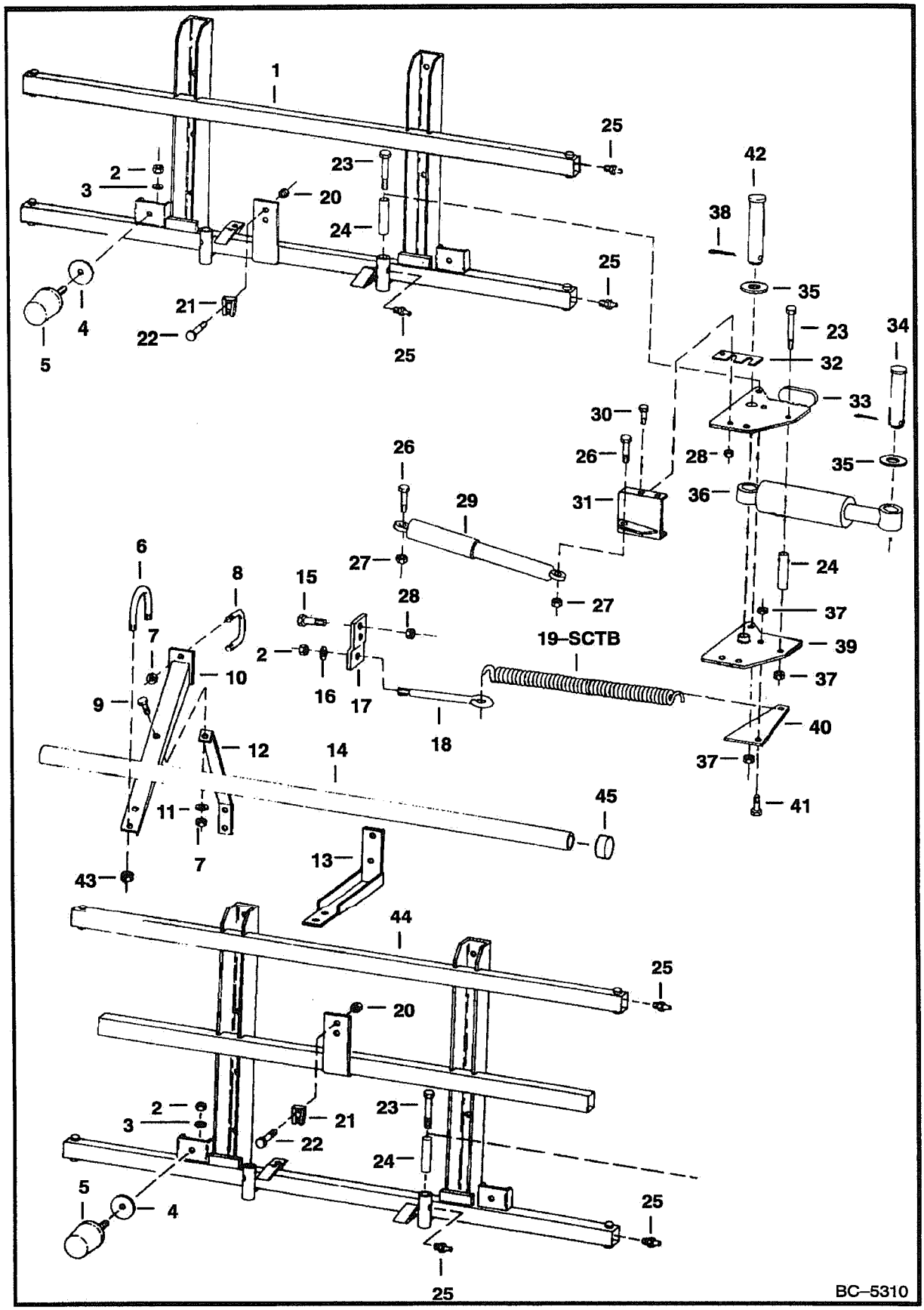
MAIN FRAME BOOM – WITH HYDRAULIC BOOMS
(CHASSIS & BOOM)



MAIN FRAME BOOM – WITH HYDRAULIC BOOMS (Cont'd)
(CHASSIS & BOOM)

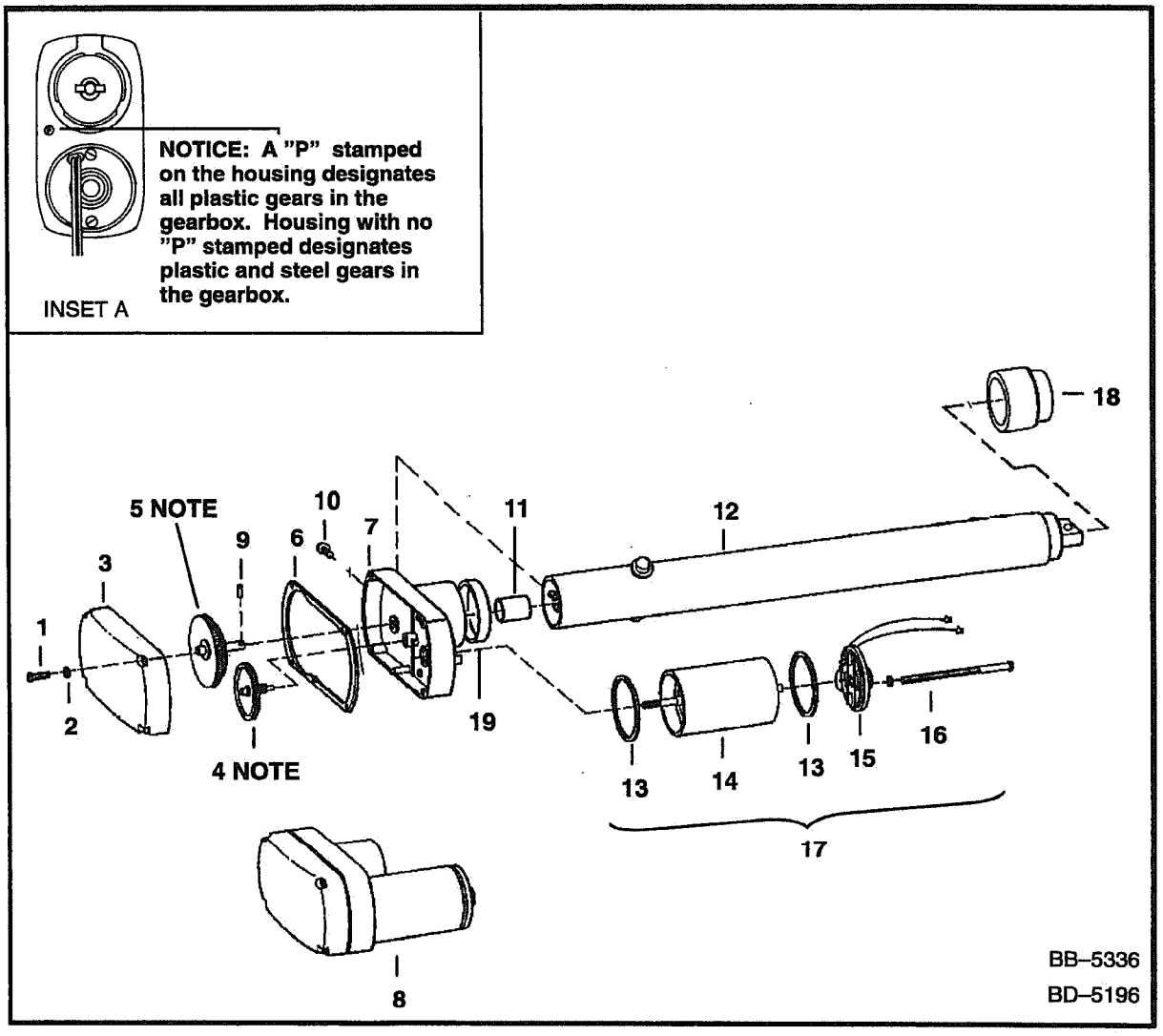
Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6618329	MAIN FRAME	Boom – 220	208912918 & Bel.	
				209211156 & Bel.	1
	6618163	MAIN FRAME	Boom – 230	209011660 & Bel.	1
2	61D–6	NUT			2
3	4E–6	WASHER			2
4	6543321	SHIM			2
	6626251	WASHER			2
5	6530360	BUMPER			2
6	6612940	U–BOLT		208912918 & Bel.	
				209211156 & Bel.	
				20911660 & Bel.	2
	6626119	U–BOLT		208912919 & Abv	
				209211157 & Abv.	
				209011661 & Abv.	2
7	85D–8	NUT			21
8	6620133	U–BOLT			4
9	17C–816	BOLT			2
10	6617765	BRACKET	Center Boom		2
11	25E–21	WASHER			2
12	6617780	BRACKET			2
13	NAP	BRACKET	Replace W/Brackets Ref. 10 & 12		
			– Was 6617192 [A]		2
14	6624529	TUBE	Center Boom – 1.5" O.D.	208912918 & Bel.	
				209211156 & Bel.	
				209011660& Bel.	1
	6617585	TUBE	Center Boom – 1.75" O.D.	208912919 & Abv.	
				209211157 & Abv.	
				209011661 & Abv.	1
15	17C–620	BOLT			4
16	25E–17	WASHER			2
17	6625538	BRACKET			2
18	6620545	BOLT			2
19	6596526	SPRING	Heavy Duty – SCTB–SC–025		1
	6627326	SPRING	Regular		2
20	81D–5	NUT			2
21	6519752	SOCKET	SMV Emblem		1
22	7C–512	BOLT			2
23	17C–1096	BOLT			4
24	6624692	SLEEVE			4
25	6527380	GREASE ZERK			6
26	17C–1248	BOLT			4
27	85D–12	NUT			4
28	85D–6	NUT			24
29	6623263	SHOCK ABSORBER			2
30	17C–616	BOLT			10
31	6624680	MOUNT	Shock		2
32	NAP	SHIM	Was 6617968 [A]		2
33	6618841	PIVOT	Top – R.H. – Was 6618121 [A]		1
	6618840	PIVOT	Top – L.H. – Was 6618122 [A]		1
34	6618226	CLEVIS PIN			2
35	25E–29	WASHER			4

MAIN FRAME BOOM – WITH HYDRAULIC BOOMS (Cont'd)
(CHASSIS & BOOM)



MAIN FRAME BOOM – WITH HYDRAULIC BOOMS (Cont'd)
(CHASSIS & BOOM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
36		CYLINDER	Boom Fold – See Page H7, H8		2
37	85D–10	NUT			6
38	1F–624	COTTER PIN			4
39	6618124	PIVOT	Bottom – R.H.		1
	6618123	PIVOT	Bottom – L.H.		1
40	6596416	BRACKET	R.H. – Was 6618021 [A]		1
	6596417	BRACKET	L.H. – Was 6618022 [A]		1
41	17C–1024	BOLT			2
42	6618227	CLEVIS PIN			2
43	85D–5	NUT		208912918 & Bel. 209211156 & Bel. 209011660 & Bel.	4
	89D–6	NUT		208912919 & Abv. 209211157 & Abv. 209011661 & Abv.	4
44	6618391	MAIN FRAME	Boom – 220, 230	208912919 thru 208913249 209211157 thru	
				209211195 209011661 thru 209011857	1
	6626562	MAIN FRAME	Boom – 220, 230	208913250 & Abv. 209211196 & Abv. 209011858 & Abv.	1
45	6652867	CAP		208912918 & Bel. 209211156 & Bel. 209011660 & Bel.	2
	6659910	CAP		208912919 & Abv. 209211157 & Abv. 209011661 & Abv.	2

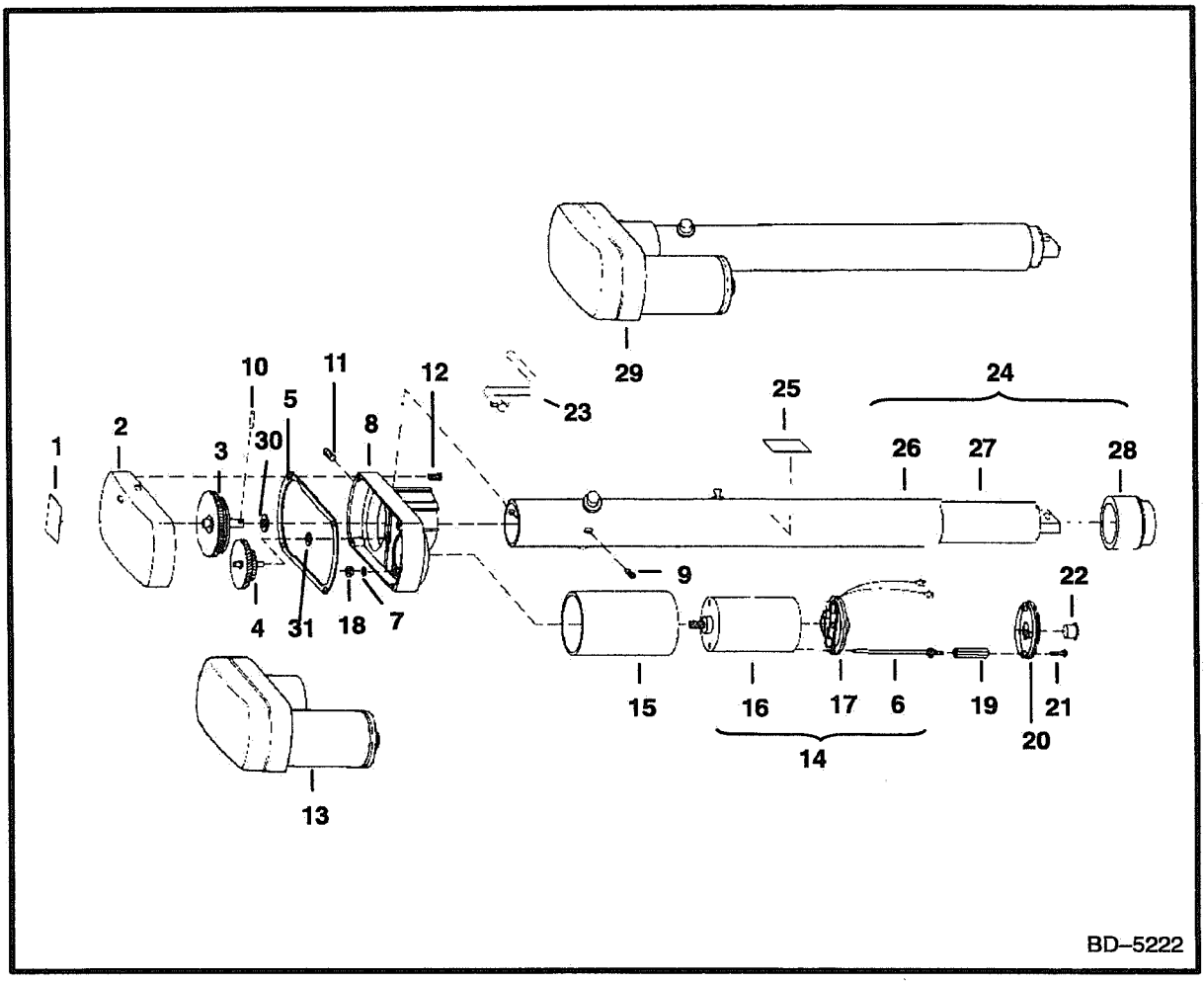


ACTUATORS – BOOM CONTROL – Saginaw 8", 12" & 18" Stroke (CHASSIS & BOOM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	41G–1012	SCREW			4
2	17E–10	WASHER			4
3	NSS	COVER	Gearbox – Order Ref. 8		
4	6630443	GEAR	Double Intermediate–Boom Fold Actuator 8" Stroke – Steel & Plastic – See Inset A		1
	6630445	GEAR	Double Intermediate–Boom Fold Actuator 8" Stroke – Plastic & Plastic – See Inset A		1
	6630438	GEAR	Double Intermediate–Boom Lift Actuator 12" & 18" Stroke –Steel & Plastic – See Inset A		1
	6630440	GEAR	Double Intermediate–Boom Lift Actuator 12" & 18" Stroke – Plastic & Plastic – See Inset A		1

ACTUATORS – BOOM CONTROL – Saginaw 8", 12" & 18" Stroke (Cont'd)
(CHASSIS & BOOM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
5	6630444	GEAR	Clutch–Boom Fold Actuator 8" Stroke – Steel – See Inset A		1
	6630446	GEAR	Clutch–Boom Fold Actuator 8" Stroke – Plastic – See Inset A		1
	6630439	GEAR	Clutch–Boom Lift Actuator 12" & 18" Stroke – Steel – See Inset A		1
	6630441	GEAR	Clutch–Boom Lift Actuator 12" & 18" Stroke– Plastic – See Inset A		1
6	6630442	GASKET	Cover		1
7	NSS	HOUSING	Lower Gearbox – Order Ref. 8		1
8	6599616	GEARBOX	assy. – Boom Lift Actuator 12" & 18" Stroke – Includes Ref. 1–7,		
	6599319	GEARBOX ASSY.	9 & Motor Assembly Ref. 17 Boom Fold Actuator 8" Stroke – Includes Ref. 1–7, 9 &		1
			Motor Assembly Ref. 17		1
9	17J–314	PIN	Straight Grooved		1
10	61G–616	SCREW	Was 61G–614 [A]		1
11	NAP	SLEEVE	Not Required – Was 6599753 [A]		1
12	6599751	BARREL	Actuator – Boom Fold Actuator – 8" Stroke – Model 220	6450 & Below	1
	6599752	BARREL	Actuator – Boom Lift Actuator – 12" Stroke – Model 220		1
	6652491	BARREL	Actuator – Boom Lift Actuator – 18" Stroke – Model 230		1
13	6624784	GASKET	Motor		2
14	NSS	MOTOR BODY	Order Ref. 17		
15	6624783	END PLATE	assy. – W/Brushes		1
16	6624785	SCREW	Motor Mounting		2
17	6512953	MOTOR	assy. – W/Ref. 13–16		1
18	6660142	BOOT			1
19	6660168	SEAL	Dust		1



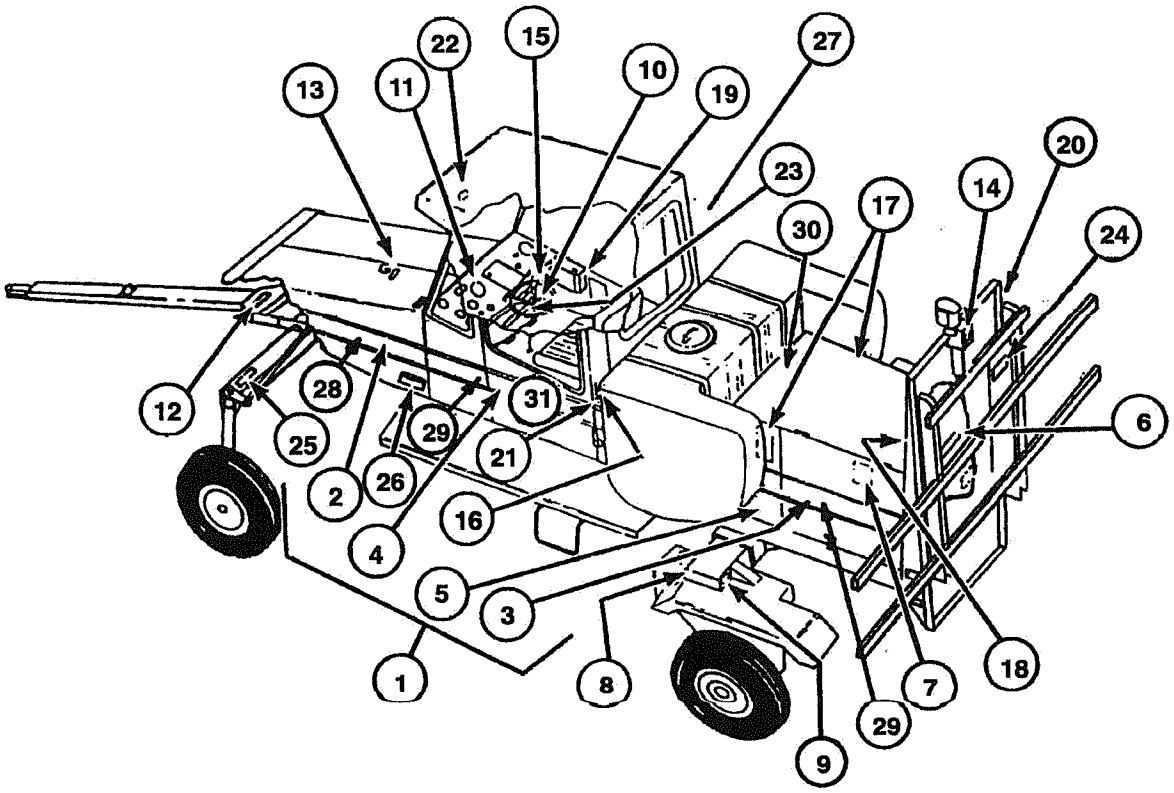
ACTUATORS – BOOM FOLD – BURR 8" STROKE
Model 220 S/N 6451–6537 & S/N 208911001–208911891
(CHASSIS & BOOM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6646423	DECAL	Power Head		1
2	6646392	COVER	Gearbox		1
3	6646393	GEAR	Clutch		1
4	6646394	GEAR	Drive		1
5	6646395	GASKET			1
6	6646426	SCREW			2
7	NSS	WASHER	Serrated		2
8	6646400	HOUSING	Lower Gearbox		1
9	73G–406	SET SCREW			3
10	17J–316	PIN			1
11	15G–606	SET SCREW			1
12	6667898	SCREW	Was 87G–1012 [C]		4
13	6646391	GEARBOX ASSY.	Includes all References except 23–28		1
14	6646399	MOTOR ASSY	12 V – Includes Ref. 6, 16 & 17		1
15	6646396	SLEEVE			1
16	NSS	MOTOR	Available only – Order Ref. 14		1
17	6646425	ENDPLATE	With Brushes and–Screws Ref. 6		1

ACTUATORS – BOOM FOLD – BURR 8" STROKE (Cont'd)
Model 220 S/N 6451–6537 & S/N 208911001–208911891
(CHASSIS & BOOM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
18	51D–10	NUT			2
19	6646397	NUT	Extension		2
20	6646398	CAP			1
21	88G–1012	SCREW			2
22	6646429	BUSHING			1
23	6646401	HANDLE			1
24	6646414	BARREL ASSY.	Actuator – Includes Ref. 26–28		1
25	6646420	DECAL			1
26	6646416	OUTER TUBE			1
27	6646415	INNER TUBE			1
28	6646390	WIPER			1
29	6646370	ACTUATOR	Complete less Ref. 23		1
30	6646428	WASHER			1
31	NSS	WASHER			1

DECALS – MODEL 220 – LOCATION (CHASSIS & BOOM)



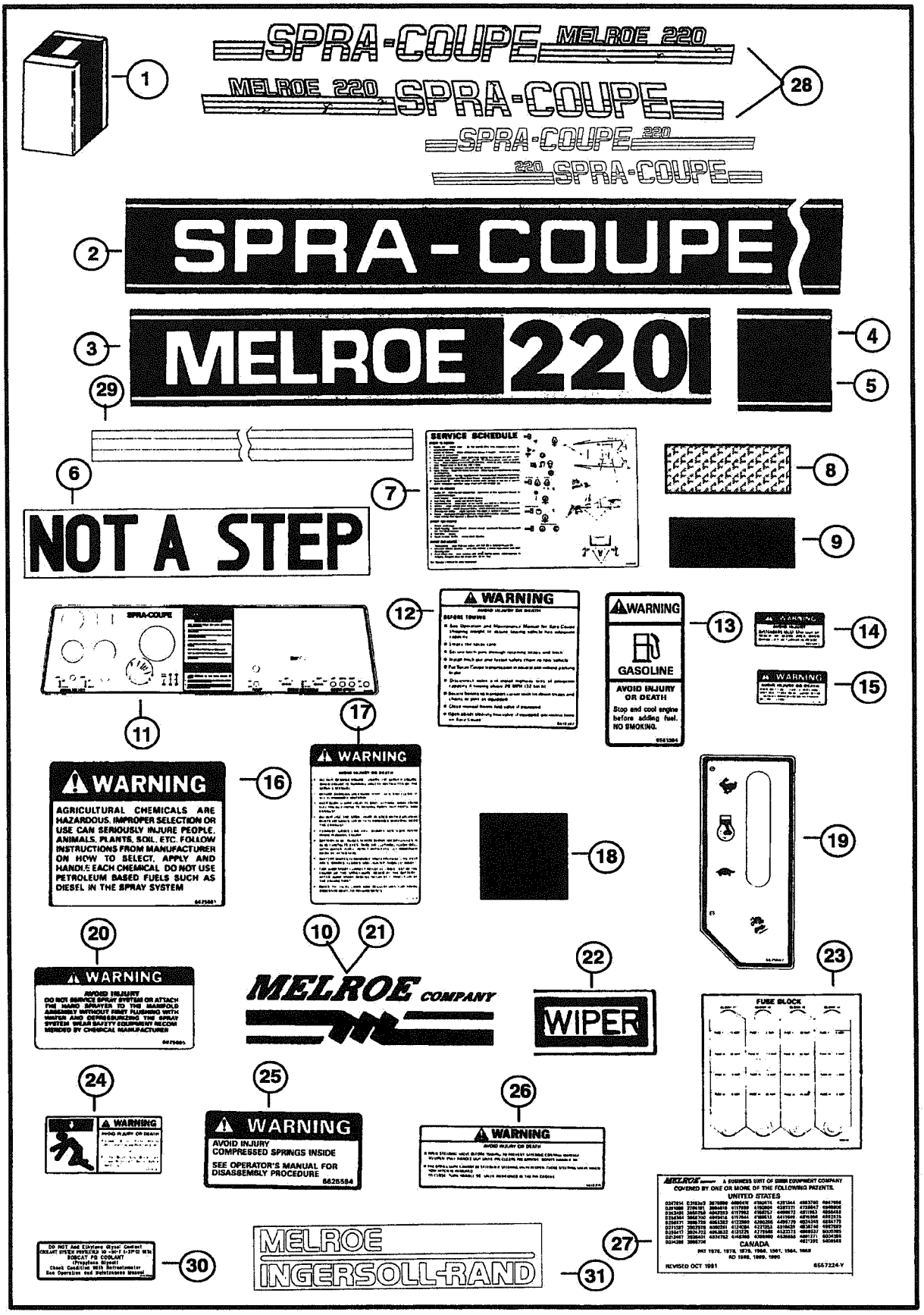
⚠ WARNING Keep safety signs (decals) and reflectors in good condition. Replace immediately if missing or damaged. Replacement signs (decals) and reflectors are available from your dealer.

BB–5455

DECALS – MODEL 220 – LOCATION (Cont'd)
(CHASSIS & BOOM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6624958	DECAL	set – Consists one each of Ref. 2–5	Model 1993 & Bel.	1
2	6624956	DECAL	Spra–Coupe	Model 1993 & Bel.	2
3	6624957	DECAL	Melroe 220	Model 1993 & Bel.	2
4	6624955	DECAL	Band 56"	Model 1993 & Bel.	2
5	6624954	DECAL	Band 10.25"	Model 1993 & Bel.	2
6	6623725	DECAL	Not A Step		1
7	6597518	DECAL	Spra–Coupe Service Schedule – Was 6625608 [C]		1
8	6612233	REFLECTOR	Amber		2
9	6612234	REFLECTOR	Red – Located also on Rear Boom Gusset – Exposed to Rear W/Booms Folded		4
10	6625524	DECAL	Melroe Horn Cap	208914096 & Bel.	1
11	6618263	DECAL	Dash – Was 6617405 [A]		1
12	6626170	DECAL	Tow Warning – Was 6618342 [A]		1
	6626219	DECAL	Important		1
13	6561384	DECAL	Gas – Was 6560073 [A]		1
14	6625603	DECAL	Actuator Warning		1
15	6625602	DECAL	Boom Warning		1
16	6625601	DECAL	Chemical Danger		1
17	6597444	DECAL	Engine Warning – Was 6625604 [A]		2
18	6620015	DECAL	Boom Locator Strip		2
19	6625607	DECAL	Hand Throttle		1
20	6625605	DECAL	Servicing the Spray System		1
21	6625523	DECAL	Melroe	208914096 & Bel.	1
22	6625536	DECAL	Wiper		1
23	6618243	DECAL	Fuse Box – Used on machines Gusset –with electric boom controls		1
	6625160	DECAL	Fuse Box – Used on machines with hydraulic boom controls		1
24	6618240	DECAL	Warning – Servicing hydraulic boom system		1
25	6625594	DECAL	Warning – Spring disassembling on wide front wheel machines only		2
26	6618206	DECAL	Steering Valve Warning		1
27	6557224	DECAL	Patent		1
28	6627243	DECAL	220 R.H.	208914096 & Bel.	1
	6801120	DECAL	220 R.H.	208914097 & Abv.	1
	6627242	DECAL	220 L.H.	208914096 & Bel.	1
	6801119	DECAL	220 L.H	208914097 & Abv.	1
29	6627113	DECAL	Strip 99" Long – One Side Cut to Fit	Model 1994 & Abv.	2
30	6708929	DECAL	Propylene Glyol Anti–freeze		1
31	6800765	DECAL	Melroe – Ingersoll Rand	208914097 & Abv.	2

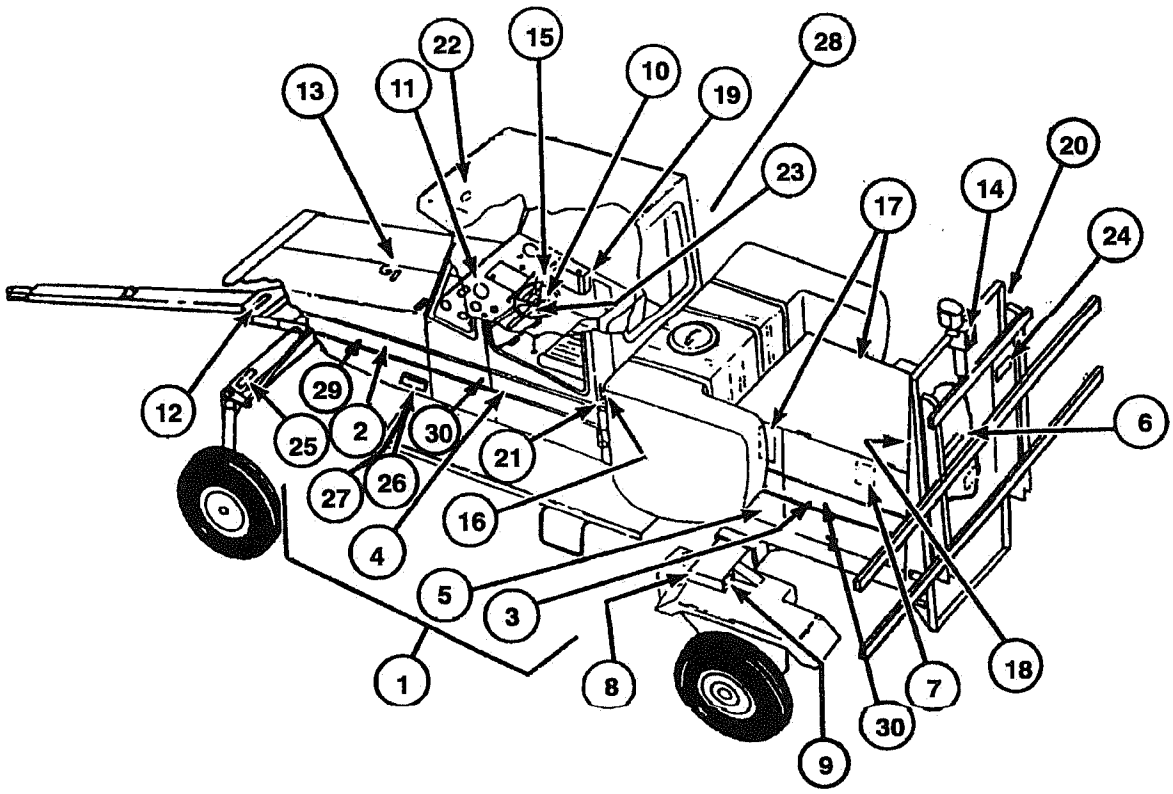
DECALS – MODEL 220
(CHASSIS & BOOM)



DECALS – MODEL 220 (Cont'd)
(CHASSIS & BOOM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6624958	DECAL	set – Consists one each of Ref. 2–5	Model 1993 & Bel.	1
2	6624956	DECAL	Spra–Coupe	Model 1993 & Bel.	2
3	6624957	DECAL	Melroe 220	Model 1993 & Bel.	2
4	6624955	DECAL	Band 56"	Model 1993 & Bel.	2
5	6624954	DECAL	Band 10.25"	Model 1993 & Bel.	2
6	6623725	DECAL	Not A Step		1
7	6597518	DECAL	Spra–Coupe Service Schedule – Was 6625608 [C]		1
8	6612233	REFLECTOR	Amber		2
9	6612234	REFLECTOR	Red – Located also on Rear Boom Gusset – Exposed to Rear W/Booms Folded		4
10	6625524	DECAL	Melroe Horn Cap	208914096 & Bel.	1
11	6618263	DECAL	Dash – Was 6617405 [A]		1
12	6626170	DECAL	Tow Warning – Was 6618342 [A]		1
	6626219	DECAL	Important		1
13	6561384	DECAL	Gas – Was 6560073 [A]		1
14	6625603	DECAL	Actuator Warning		1
15	6625602	DECAL	Boom Warning		1
16	6625601	DECAL	Chemical Danger		1
17	6597444	DECAL	Engine Warning – Was 6625604[A]		2
18	6620015	DECAL	Boom Locator Strip (2 x 2)		2
19	6625607	DECAL	Hand Throttle		1
20	6625605	DECAL	Servicing the Spray System		1
21	6625523	DECAL	Melroe	208914096 & Bel.	1
22	6625536	DECAL	Wiper		1
23	6618243	DECAL	Fuse Box – Used on machines with hydraulic boom controls		1
	6625160	DECAL	Fuse Box – Used on machines with electric boom controls		1
24	6618240	DECAL	Warning – Servicing hydraulic boom system		1
25	6625594	DECAL	Warning – Spring disassembling on wide front wheel machines only		2
26	6618206	DECAL	Steering Valve Warning		1
27	6557224	DECAL	Patent		1
28	6627243	DECAL	220 R.H.	208914096 & Bel.	1
	6801120	DECAL	220 R.H.	208914097 & Abv.	1
	6801119	DECAL	220 L.H.	208914096 & Bel.	1
	6627242	DECAL	220 L.H.	208914097 & Abv.	1
29	6627113	DECAL	Strip 99" Long – One Side Cut to Fit	Model 1994 & Abv.	2
30	6708929	DECAL	Propylene Glyoy Anti–Freeze		1
31	6800765	DECAL	Melroe – Ingersoll Rand	208914097 & Abv.	2

DECALS – MODEL 230 – LOCATION (CHASSIS & BOOM)



⚠ WARNING

Keep safety signs (decals) and reflectors in good condition. Replace immediately if missing or damaged. Replacement signs (decals) and reflectors are available from your dealer.

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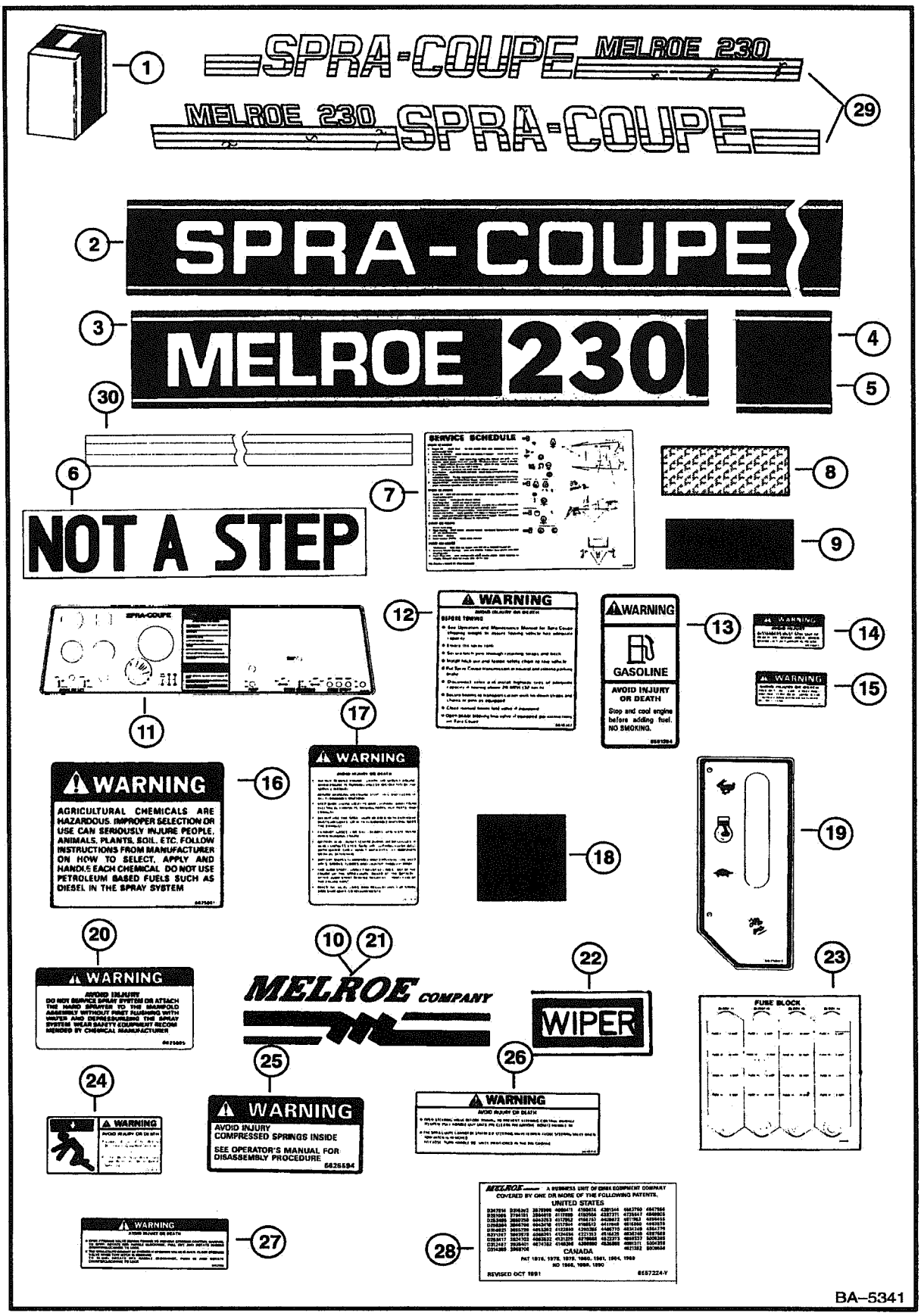
DECALS – MODEL 230 – LOCATION (Cont'd)
(CHASSIS & BOOM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6617696	DECAL	set – Consists one each of Ref. 2–5	Model 1993 & Bel.	1
2	6624956	DECAL	Spra–Coupe	Model 1993 & Bel.	2
3	6617649	DECAL	Melroe 230	Model 1993 & Bel.	2
4	6624955	DECAL	Band 56"	Model 1993 & Bel.	2
5	6624954	DECAL	Band 10.25"	Model 1993 & Bel.	2
6	6623725	DECAL	Not A Step		1
7	6597518	DECAL	Spra–Coupe Service Schedule – Was 6625608 [C]		1
8	6612233	REFLECTOR	Amber		2
9	6612234	REFLECTOR	Red – Located also on Rear Boom Gusset – Exposed to Rear W/Booms Folded		4
10	6625524	DECAL	Melroe Horn Cap		1
11	6618263	DECAL	Dash – Was 6617405 [A]		1
12	6626170	DECAL	Tow Warning – Was 6618342 [A]		1
	6626219	DECAL	Important		1
13	6561384	DECAL	Gas – Was 6560073 [A]		1
14	6625603	DECAL	Actuator Warning		1
15	6625602	DECAL	Boom Warning		1
16	6625601	DECAL	Chemical Danger		1
17	6597444	DECAL	Engine Warning – Was 6625604 [A]		2
18	6620015	DECAL	Boom Locator Strip (2 x 2)		2
19	6625607	DECAL	Hand Throttle		1
20	6625605	DECAL	Servicing the Spray System		1
21	6625523	DECAL	Melroe		1
22	6625536	DECAL	Wiper		1
23	6618243	DECAL	Fuse Box – Used on machines with hydraulic boom controls		1
	6625160	DECAL	Fuse Box – Used on machines with electric boom controls		1
24	6618240	DECAL	Warning – Servicing hydraulic boom system		1
25	6625594	DECAL	Warning – Spring disassembling on wide front wheel machines only		2
26	6618206	DECAL	Steering Valve Warning		1
27	6617706	DECAL	Steering Valve Warning	209011100 & Bel.	1
28	6557224	DECAL	Patent		1
29	6627245	DECAL	230 R.H.	Model 1994 & Abv.	1
	6627244	DECAL	230 L.H.	Model 1994 & Abv.	1
30	6627113	DECAL	Strip 99" Long – One Side Cut to Fit	Model 1994 & Abv.	2

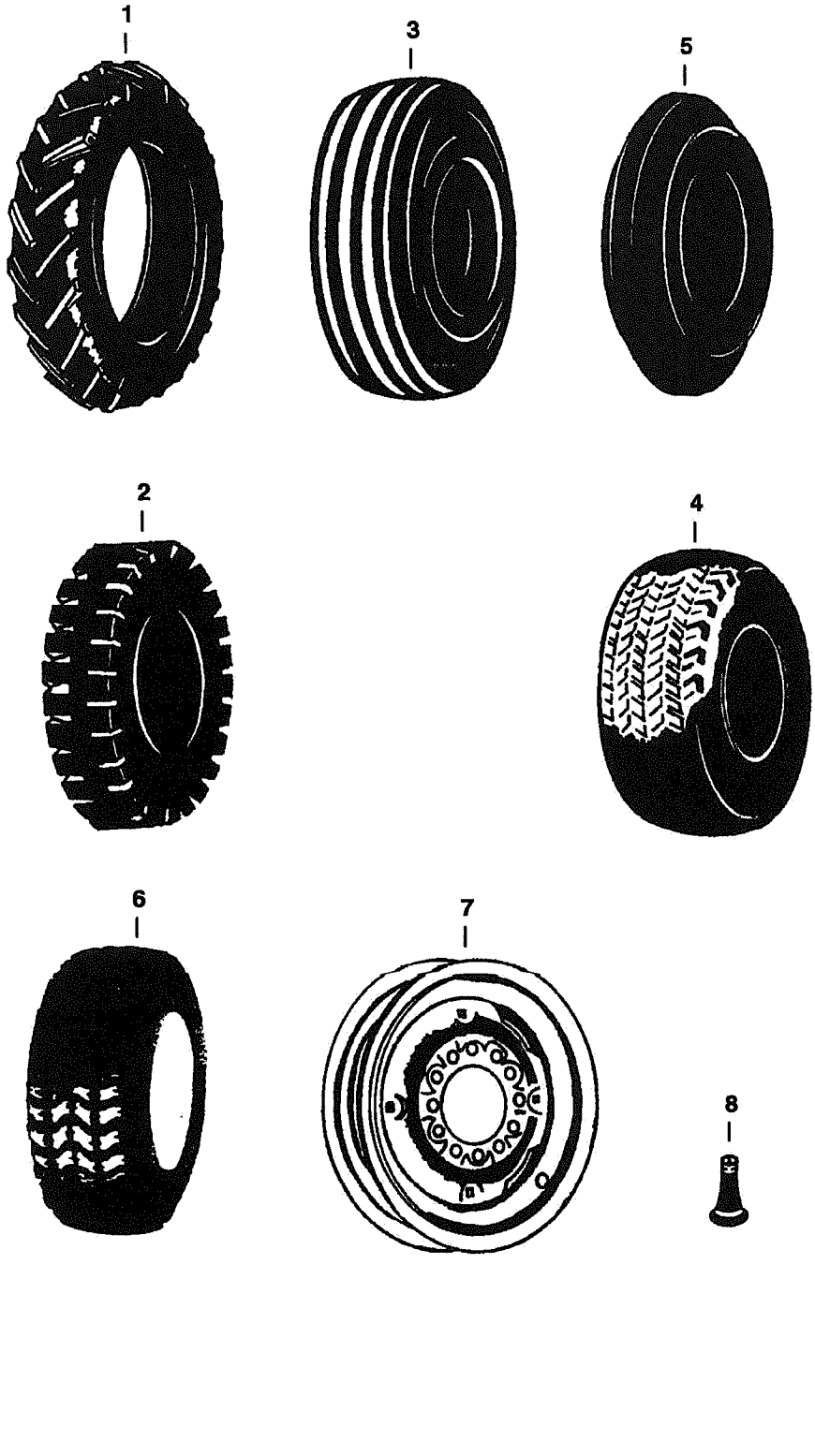
DECALS – MODEL 230
(CHASSIS & BOOM)



DECALS – MODEL 230 (Cont'd)
(CHASSIS & BOOM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6617696	DECAL	set – Consists one each of Ref. 2–5	Model 1993 & Bel.	1
2	6624956	DECAL	Spra–Coupe	Model 1993 & Bel.	2
3	6617649	DECAL	Melroe 230	Model 1993 & Bel.	2
4	6624955	DECAL	Band 56"	Model 1993 & Bel.	2
5	6624954	DECAL	Band 10.25"	Model 1993 & Bel.	2
6	6623725	DECAL	Not A Step		1
7	6597518	DECAL	Spra–Coupe Service Schedule – Was 6625608 [C]		1
8	6612233	REFLECTOR	Amber		2
9	6612234	REFLECTOR	Red		4
10	6625524	DECAL	Melroe Horn Cap		1
11	6618263	DECAL	Dash – Was 6617405 [A]		1
12	6626170	DECAL	Tow Warning – Was 6618342 [A]		1
	6626219	DECAL	Important		1
13	6561384	DECAL	Gas – Was 6560073 [A]		1
14	6625603	DECAL	Actuator Warning		1
15	6625602	DECAL	Boom Warning		1
16	6625601	DECAL	Chemical Danger		1
17	6597444	DECAL	Engine Warning – Was 6625604 [A]		2
18	6620015	DECAL	Boom Locator Strip – 2 x 2		2
19	6625607	DECAL	Hand Throttle		1
20	6625605	DECAL	Servicing the Spray System		1
21	6625523	DECAL	Melroe		1
22	6625536	DECAL	Wiper		1
23	6618243	DECAL	Fuse Box – Used on machines with hydraulic boom controls		1
	6625160	DECAL	Fuse Box – Used on machines with electric boom controls		1
24	6618240	DECAL	Warning – Servicing hydraulic boom system		1
25	6625594	DECAL	Warning – Spring disassembling on wide front wheel machines only		2
26	6618206	DECAL	Steering Valve Warning		1
27	6617706	DECAL	Steering Valve Warning	209011100 & Bel.	1
28	6557224	DECAL	Patent		1
29	6627245	DECAL	230 R.H.	Model 1994 & Abv.	1
	6627244	DECAL	230 L.H.	Model 1994 & Abv.	1
30	6627113	DECAL	Strip 99" Long – One Side Cut to Fit	Model 1994 & Abv.	2

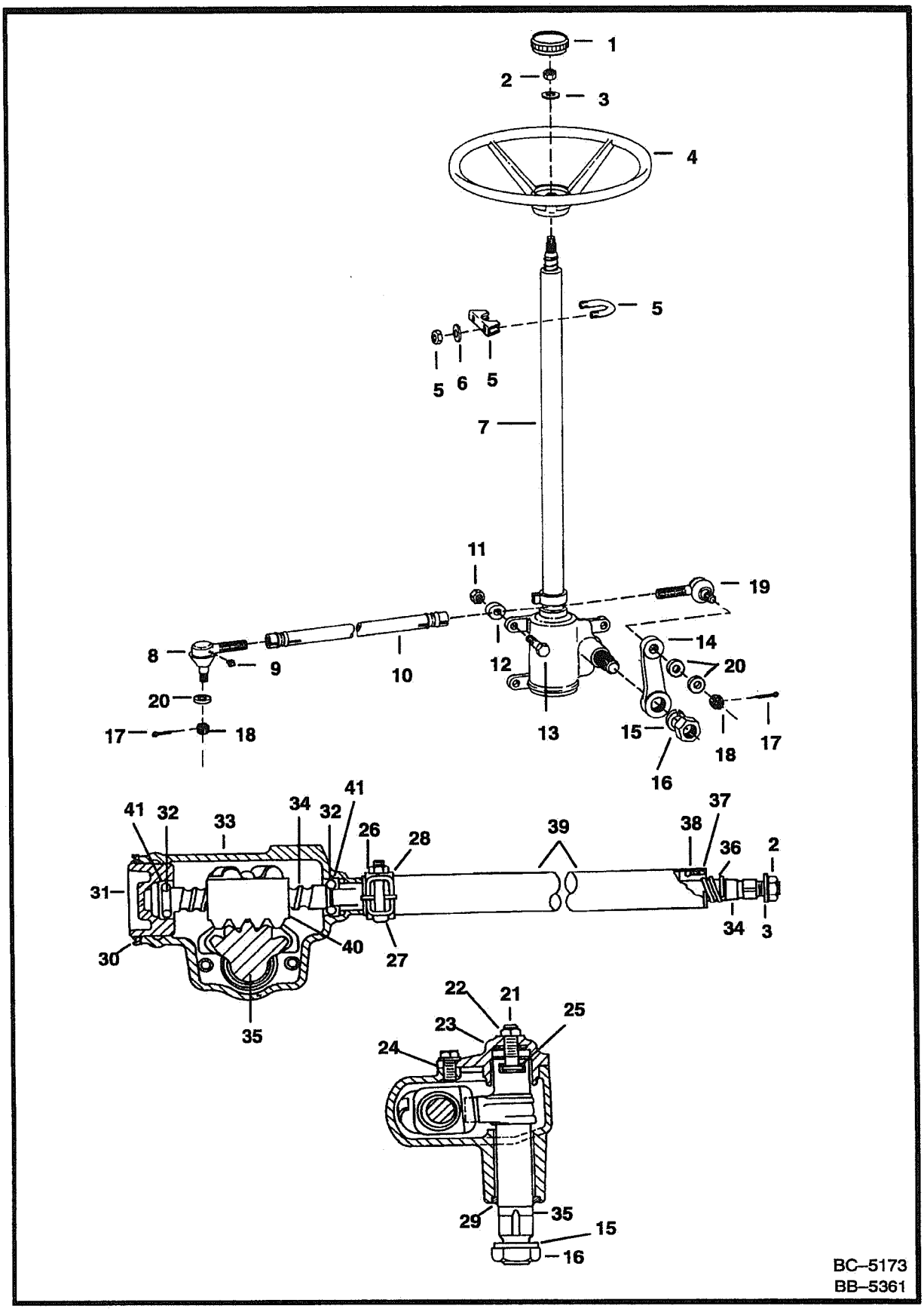
TIRES AND RIMS
(DRIVE TRAIN)



TIRES AND RIMS (Cont'd)
(DRIVE TRAIN)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6649507	TIRE	Rear 24" x 11.2" 6 Ply Bar Lug W/Tube – Std. on 230 only		x
	6630531	TIRE	Rear 7.50" x 18" 4 Ply Bar Lug		x
	6630530	TUBE	7.50" x 18" – Used W/6630531 Tire Only		x
	6599907	TIRE	Tubeless, Rear 29 x 12.50 – 6 Ply Bar Lug		x
	6662921	TIRE	Tubeless, Rear 10.5/80 –18 SGI 10 Ply Bar Lug		x
2	NAP	TIRE	Rear 7.50" x 16" General Mud Grip – Use 6665120 – Ref. 6 – Was 6658263 [A]		x
3	6653109	TIRE	Front 20" x 7.50" 6 Ply Imp. Rib W/Tube (Std. on 230)		x
	6528622	TIRE	Front 11L" x 15" Imp. Rib – 6 Ply – Std. 220		x
	6615414	TIRE	Front 9.5L" x 15" Tubeless Rib – Std. on 1984 Prod. 220 only		x
	6640685	TIRE	Rear 31" x13.50" –15 LT Rib		x
4	6624386	TIRE	Rear 29" x 12.50" Xtra–Traction		x
5	6624915	TIRE	6.00" x 16" Rib Impl. – Wide Front		x
	6624996	TIRE	6.00" x 16" Single Rib Imp. W/Tube (Wide Front)		x
6	6665120	TIRE	Rear – LT 235–85R16E GOODYEAR – Std. on 220		x
7	6630529	RIM	18" x 5.5" – Used with Tire P/N 6630531		x
	6624387	RIM	15" x 10" – Used with Tires P/N 6624386, 6528622, & 6599907		x
	6625130	RIM	15" x 8" – Used with Tire P/N 6615414		x
	6635883	RIM	16" x 5.50" – Used with Tire P/N 6658263, 6665120		x
	6649505	RIM	20" x 5.50" – Used with Tire P/N 6653109		x
	6670560	RIM	24" x 10" – Used with Tire P/N 6649507 – Was 6650075[A]		x
	6631042	RIM	16" x 6" Wide Front – Used W/Tire P/N 6624915 & 6624996		x
	6624387	RIM	15" x 10 – Used W/Tire 6640685		x
	6663909	RIM	18" x 9" – Used W/Tire P/N 6662921		x
8	430348	VALVE STEM			x

STEERING MANUAL
(DRIVE TRAIN)

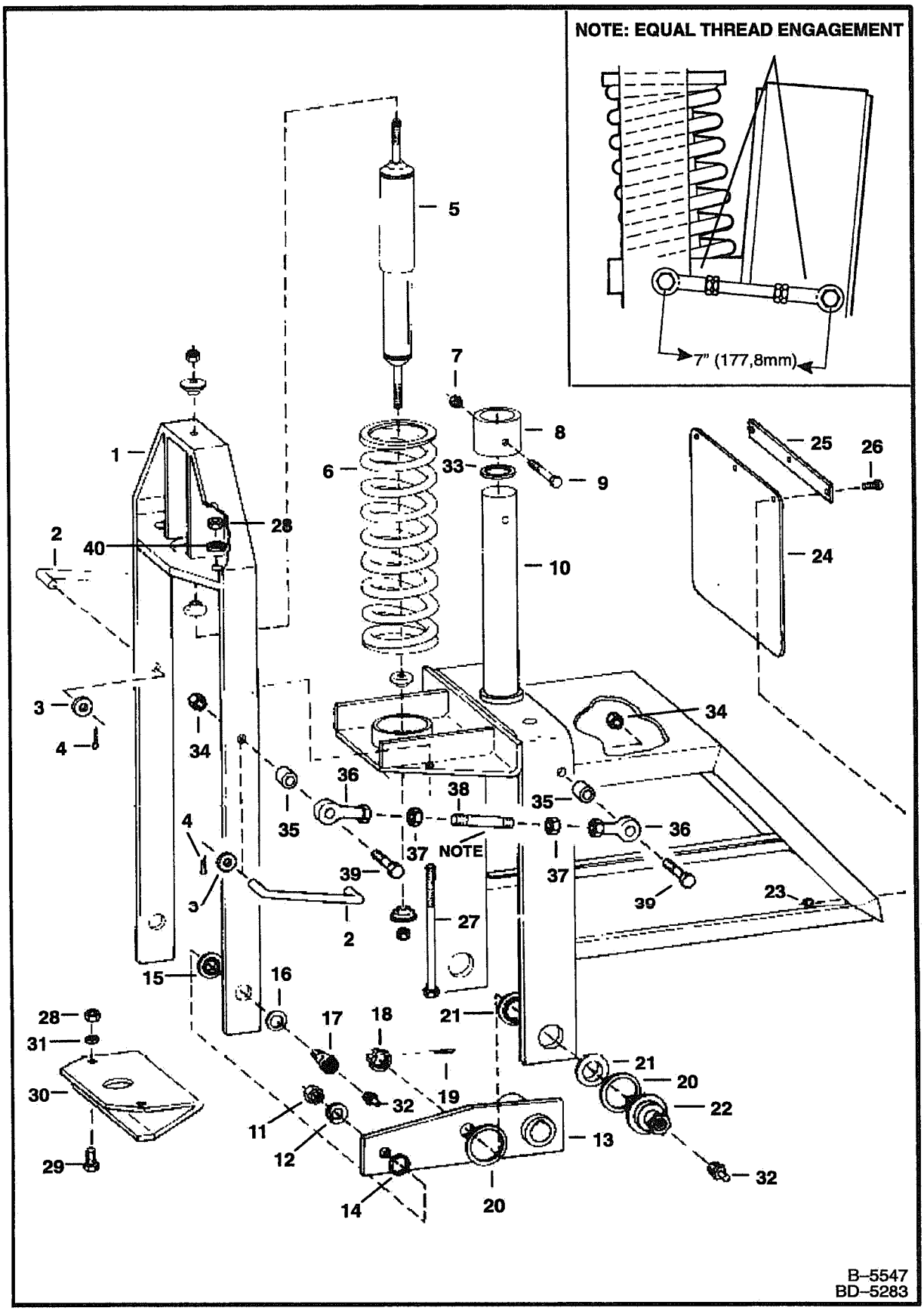


BC–5173
BB–5361

STEERING MANUAL (Cont'd)
(DRIVE TRAIN)

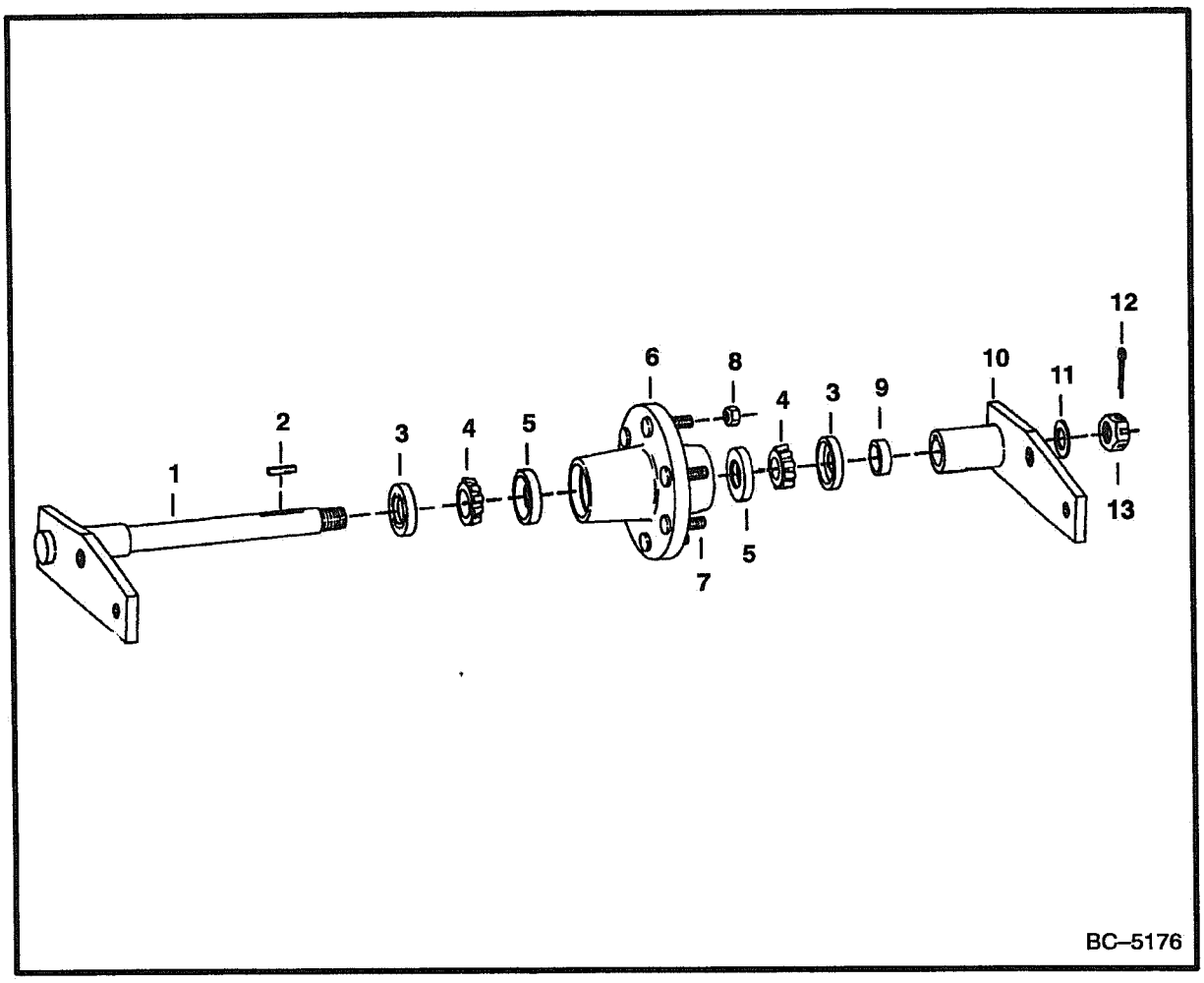
Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6623843	CAP			1
2	8D–8	NUT			1
3	616791	WASHER			1
4	1697588	WHEEL	W/O Power Steering		1
5	710706	CLAMP	Full Circle W/Nuts		1
6	25E–16	WASHER			2
7	6610607	SECTOR	Steering – W/Ref. 2, 3, 21 – 41		1
8	6512044	TIE ROD	Left – W/Ref. 9, 17 & 18		1
9	6527380	GREASE ZERK			2
10	6620353	DRAG LINK			1
11	85D–8	NUT			3
12	6620351	SPACER			3
13	17C–840	BOLT			3
14	6620354	ARM	Pitman		1
15	991734	WASHER			1
16	898447	NUT			1
17	1F–420	COTTER PIN			2
18	4D–9	NUT			2
19	6512045	TIE ROD	W/Ref. 9,17 & 18		1
20	25E–25	WASHER			3
21	6660151	ADJUSTER			1
22	NSS	NUT			1
23	NAP	COVER	Was 6660152 [A]		1
24	6660153	GASKET			1
25	NAP	KIT	Shim – Was 6660154 [A]		1
26	NSS	NUT			1
27	NSS	BOLT			1
28	6660155	CLAMP			1
29	6660156	SEAL	Was NAP		1
30	6660157	NUT			1
31	6660158	ADJUSTER			1
32	6660159	BEARING			2
33	NAP	HOUSING	Only – Was 6660160 [A]		1
34	NSS	SHAFT	Steering		1
35	6660161	GEAR			1
36	617904	SPRING			1
37	850757	SEAT			1
38	6660162	BEARING	Was NAP		1
39	NAP	JACKET	Was 6660163 [A]		1
40	NSS	NUT			1
41	6662897	CUP			2

FRONT SUSPENSION – SINGLE WHEEL
(DRIVE TRAIN)



FRONT SUSPENSION – SINGLE WHEEL (Cont'd)
(DRIVE TRAIN)

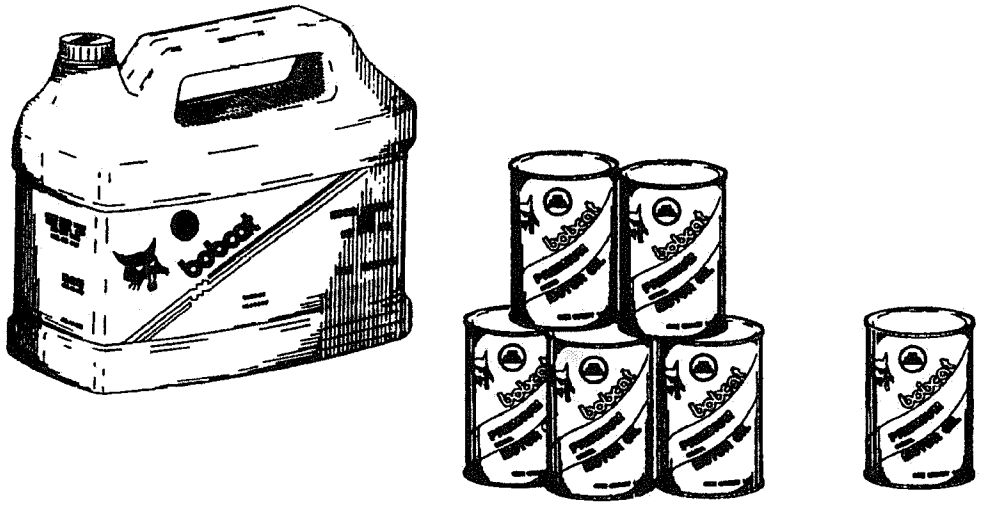
Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6620235	SUSPENSION	Fork		1
2	6620259	STABILIZER	Model 220-72, 78	208913579 & Bel.	
				209211228 & Bel.	2
3	25E–21	WASHER			4
4	1F–416	COTTER PIN			4
5	6620257	SHOCK	Includes bushings and hardware		1
6	6648987	SPRING			1
7	85D–6	NUT			1
8	6620262	COLLAR			1
9	17C–656	BOLT			1
10	6617205	FORK	Wheel – W/O Power Steering		1
	6626266	FORK	Wheel – W/Power Steering –		
			Was 6618026 [A]		1
11	7D–10	NUT			2
12	6624250	WASHER			2
13		SUPPORT	See Page D19, Ref 10		1
14	6623838	WASHER	Felt – Small		2
15	6617188	BUSHING			2
16	6623839	WASHER	Felt – Small		2
17	6723002	KIT	Bolt – Shoulder – W/Ref. 32 –		
			Was 6624249 [A]		2
18	3D–14	NUT			2
19	1F–624	COTTER PIN			2
20	6623837	WASHER	Felt – Large		4
21	6617187	BUSHING			4
22	6723003	KIT	Bolt – Shoulder – W/Ref. 32 –		
			Was 6620256 [A]		2
23	83D–4	NUT			3
24	6620263	FLAP	Mud		1
25	6620264	BRACKET			1
26	17C–412	BOLT			3
27	6624251	BOLT	1/2" x 14" – Use when changing wheel		2
28	61D–8	NUT	Uses two when changing wheel		4
29	17C–820	BOLT			2
30	6624572	SHIELD			1
31	4E–8	WASHER			2
32	10H–35	GREASE ZERK			4
33	6625382	BUSHING			x
34	85D–8	NUT			4
35	6503451	SPACER			4
36	6626220	BALL JOINT			4
37	8D–8	NUT			4
38	6627283	ROD	See Note	208913580 & Abv.	
				209211229 & Abv.	2
39	17C–844	BOLT			4
40	25E–17	WASHER			2



AXLE FRONT – SINGLE WHEEL (DRIVE TRAIN)

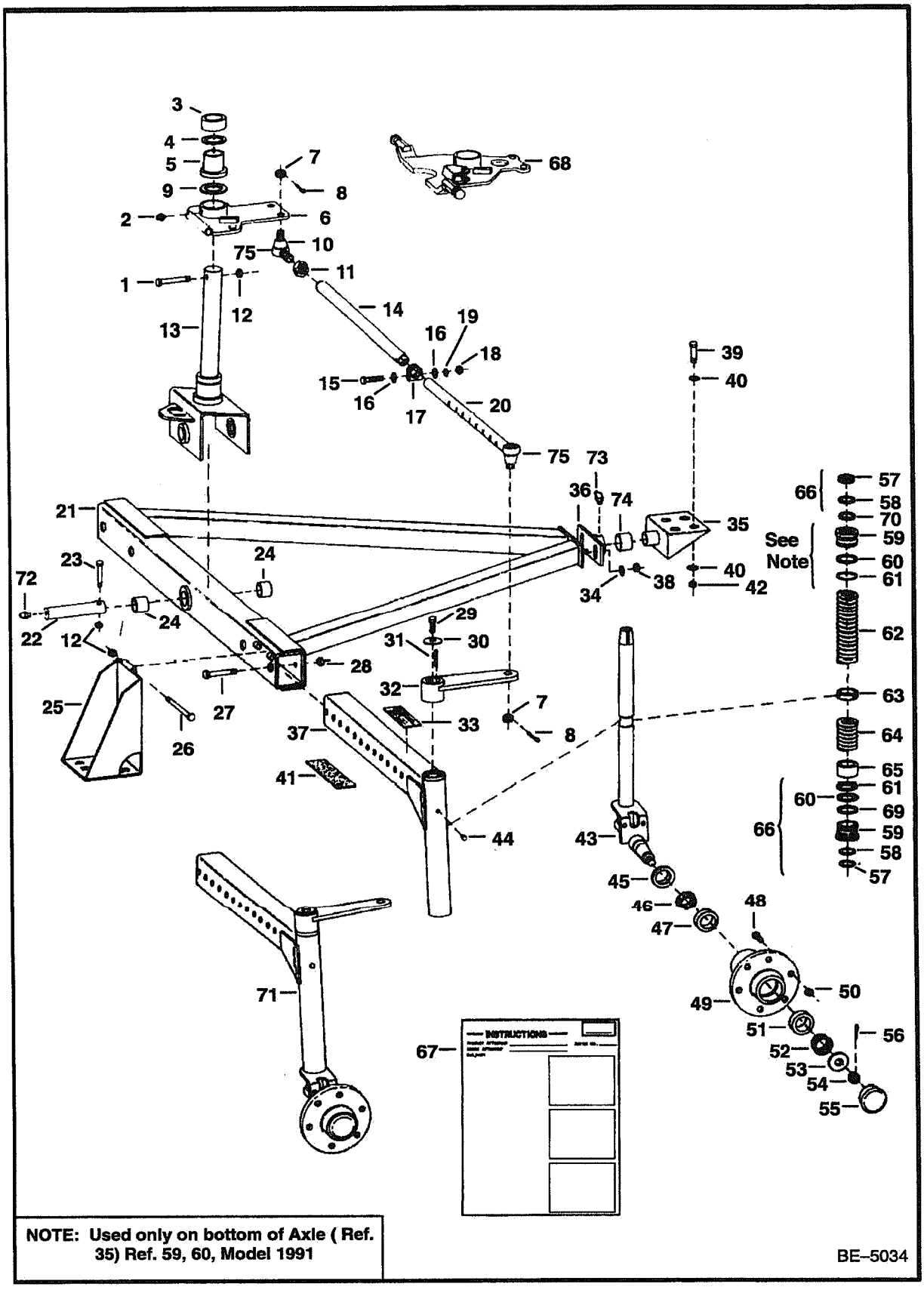
Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6620241	AXLE			1
2	7J–4212	KEY			1
3	6620254	SEAL			2
4	712099	BEARING			2
5	712098	CUP			2
6	6620249	HUB	Assy. – W/Ref. 5 & 7		1
7	6518992	BOLT			6
8	6557188	NUT	Was 6518993 [A]		6
9	6620247	SPACER			1
10	6620244	SUPPORT			1
11	25E–31	WASHER			1
12	1F–432	COTTER PIN			1
13	4D–16	NUT			1

Melroe has engine oil blended to our specifications which meet or exceed the highest demands of your engine.



Available from Melroe Parts.

WIDE FRONT WHEELS – Model 220, 220–72 & 220–78
(DRIVE TRAIN)



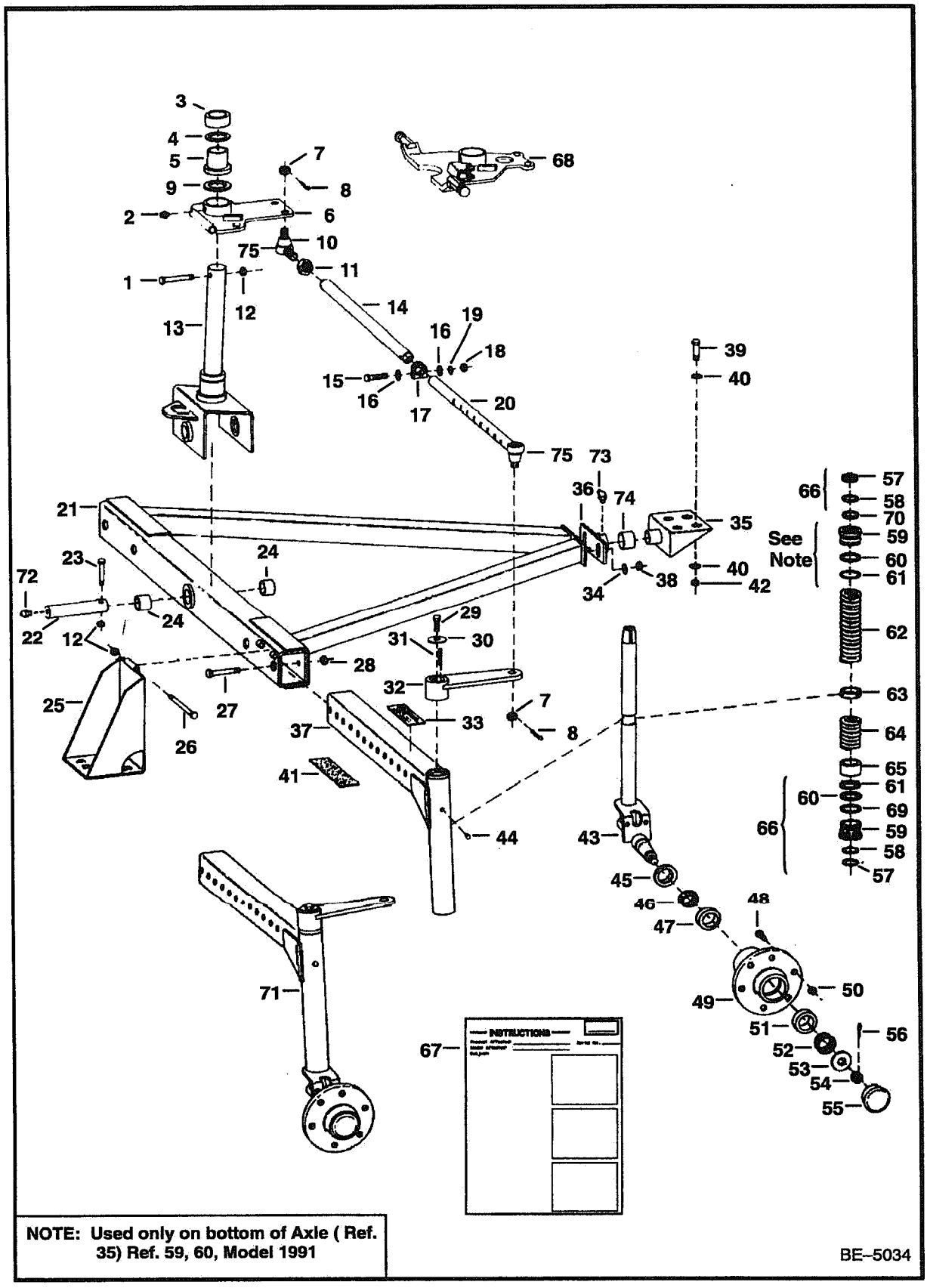
NOTE: Used only on bottom of Axle (Ref. 35) Ref. 59, 60, Model 1991

BE–5034

WIDE FRONT WHEELS – Model 220, 220–72 & 220–78 (Cont'd)
(DRIVE TRAIN)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	17C–656	BOLT			1
2	10H–35	GREASE ZERK			1
3	6620262	COLLAR			1
4	6625382	BUSHING			2
5	6800793	BUSHING	Flange – Lower – See Page A13 Ref. 2 – Was 6617432 [A]		1
6	6624889	PLATE	Steering	220–6537 & Bel. & 208911890 & Bel.	1
7	4D–10	NUT			4
8	1F–528	COTTER PIN			4
9	6652937	SHIM	.010		x
	6652938	SHIM	.020		x
	6652939	SHIM	.030		x
	6652940	SHIM	.040		x
10	6631044	END - Less Ref. 75	Tie Rod		2
11	6661002	NUT	Was 6631041 [A]		2
12	85D–6	NUT			3
13	6624871	PIVOT			1
14	6624920	TUBE	Used with Steering Plate P/N 6624889 – See Ref. 6		2
	6653560	TUBE	Used with Steering Plate P/N 6618291 and 6618312 – See Ref. 68		2
	6654123	TUBE	Model 220–72		2
15	18C–840	BOLT			2
16	25E–21	WASHER			4
17	6631040	CLAMP			2
18	62D–8	NUT			2
19	4E–8	WASHER			2
20	6624919	ROD - Less Ref. 75	Used with Steering Plate P/N 6624889 – See Ref. 6 and 220-78		2
	6653559	ROD - Less Ref. 75	Used with Steering Plate P/N 6618291 & 6618312 - See Ref. 6		2
	6654124	ROD	Model 220-72		2
21	6627236	TUBE	Model 220-78 – Was 6625587 [A]		1
	6627237	TUBE	Model 220-72 – Was 6617801 [A]		1
22	6627192	PIN	Was 6624898 [A]		1
23	17C–640	BOLT			1
24	6631045	BUSHING			2
25	6624924	STEP	220 Only		1
26	17C–688	BOLT			1
27	17C–1264	BOLT			4
28	85D–12	NUT			4
29	17C–824	BOLT			2
30	6627044	WASHER	Was 6515817 [A]		2
31	7J–3108	KEY			2
32	6625163	ARM			2
33	6625594	DECAL	Warning		1
34	25E–26	WASHER			2
35	6625198	BRACKET			1
36	6627147	BRACKET	W/Ref.73 & 74 – Was 6625586 [A]		1

WIDE FRONT WHEELS – Model 220, 220–72 & 220–78 (Cont'd)
(DRIVE TRAIN)



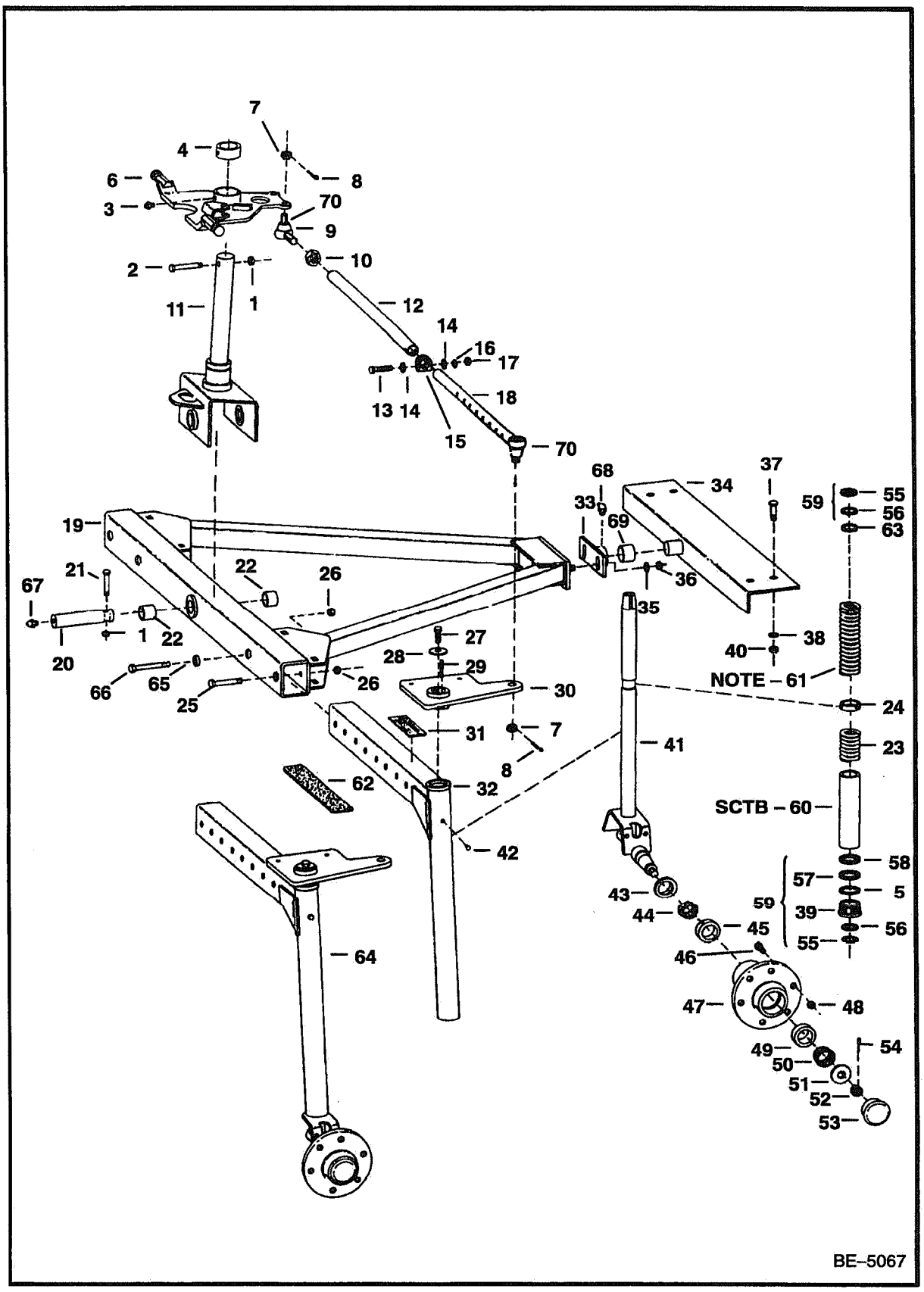
NOTE: Used only on bottom of Axle (Ref. 35) Ref. 59, 60, Model 1991

BE–5034

WIDE FRONT WHEELS – Model 220, 220–72 & 220–78 (Cont'd)
(DRIVE TRAIN)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
37	6625161	AXLE	Assy. – 220 & 220-78 – Order Ref. 33		2
	6617795	AXLE	Assy. – 220-72 Only – Order Ref. 33		2
38	85D–10	NUT			2
39	17C–828	BOLT			4
40	742640	WASHER			8
41	6618318	SAFETY TREAD		209211228 & Bel.	1
42	85D–8	NUT			4
43	6625162	SHAFT			2
44	40K–6	PLUG			2
45	6513419	SEAL	Was 1566183 [A]		2
46	1313660	BEARING			2
47	6515060	CUP			2
48	6518992	BOLT			12
49	6524422	HUB	6–bolt – Includes Ref. 47, 48, 50 & 51		1
50	6557188	NUT	Wheel – Was 6518993 [A]		12
51	713024	CUP			2
52	713023	BEARING			2
53	6528769	WASHER			2
54	4D–12	NUT			2
55	6529211	CAP			2
56	1F–620	COTTER PIN			2
57	6665086	SEAL	Wiper Rod – Was NSS		4
58	6538140	SEAL	Rod – Was NSS		4
59	6625175	HEAD			4
60*	73K–232	RING	Back–Up – Was 80K–232 [A]		4
61	58K–232	O–RING	Was NSS		2
62	6625168	SPRING	Length 10"		2
63	6625592	COLLAR			2
64	6625169	SPRING	Length 5"		2
65	6625170	SPACER			1
66*	6804603	SEAL KIT	Includes one each of Ref. 57, 58, 60, 61 & 69 – Requires two kits [upper & lower] per side – Was 6803269 [A]		x
67	6619972	MANUAL	operator – Wide Front		1
68	6618312	PLATE	steering W/O Power Steering	208911891 & Abv.	1
	6618291	PLATE	Steering – Used on Coupes with Power Steering Option & 220-72		1
69	58K–234	O–RING	Order Ref. 66		
70	6658587	RING	Wear		2
71	6625187	AXLE	Assy. R.&L. – 220 & 220-78 W/Ref. 29–33, 37, 43–65, 69		2
	6617794	AXLE	Assy. R.&L. – 220-72 W/Ref. 29–33, 37, 43–65, 69		2
72	10H–25	ZERK	Grease		1
73	12H–15	ZERK	Grease		1
74	6627148	BUSHING			1
75	6661619	SEAL	Rubber		4

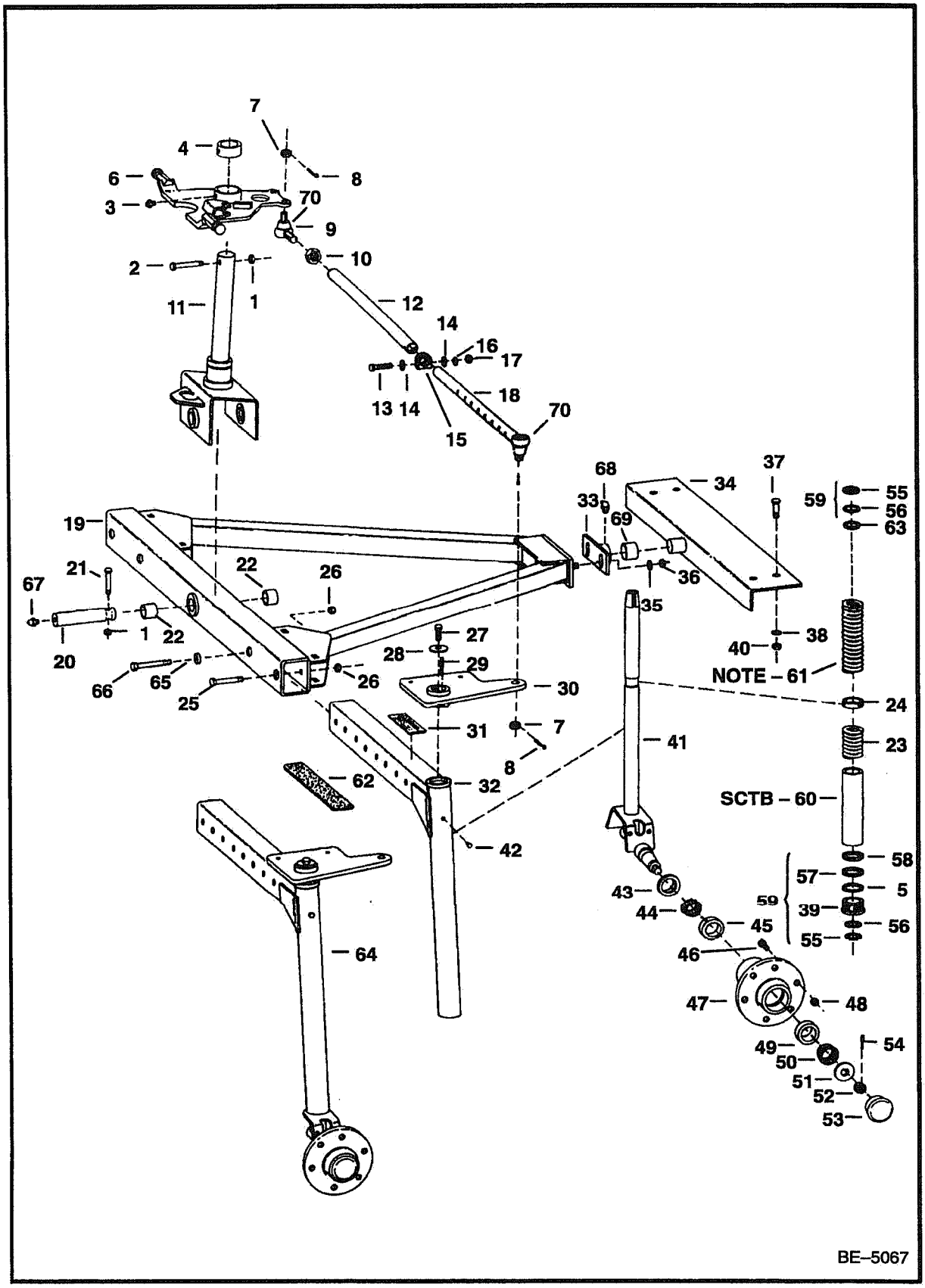
WIDE FRONT WHEELS – Model 230
(DRIVE TRAIN)



WIDE FRONT WHEELS – Model 230 (Cont'd)
(DRIVE TRAIN)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	85D–6	NUT			2
2	17C–656	BOLT			1
3	10H–35	GREASE ZERK			1
4	6620262	COLLAR			1
5	58K–234	O–RING	Order Ref. 59 – Was NSS		2
6	6618293	PLATE	Steering – Was 6618028 [A]		1
7	4D–10	NUT			4
8	1F–528	COTTER PIN			4
9	6631044	END-LESS REF. 70	Tie Rod		2
10	6661002	NUT	Was 6631041 [A]		2
11	6617249	PIVOT			1
12	6649527	TUBE			2
13	18C–840	BOLT			2
14	25E–21	WASHER			4
15	6631040	CLAMP			2
16	4E–8	WASHER			2
17	62D–8	NUT			2
18	6648342	ROD-LESS REF. 70			2
19	6617252	TUBE			1
20	6627234	PIN	Was 6617253 [A]		1
21	17C–640	BOLT			1
22	6631045	BUSHING			2
23	6625169	SPRING	Length 5"		2
24	6625592	COLLAR			2
25	17C–1288	BOLT			4
26	85D–12	NUT			4
27	17C–824	BOLT			2
28	6627044	WASHER	Was 6515817		2
29	7J–3108	KEY			2
30	6617373	ARM	Steering – Left Hand		2
	6617379	ARM	Steering – Right Hand		2
31	6625594	DECAL	Warning		1
32	6617265	AXLE	Tube – Also Order Ref. 31		2
33	6627147	BRACKET	W/Ref. 68 & 69 – Was 6625586 [A]		1
34	6617251	BRACKET			1
35	25E–26	WASHER			2
36	85D–10	NUT			2
37	17C–832	BOLT			4
38	742640	WASHER			4
39	6625175	HEAD			2
40	85D–8	NUT			4
41	6617266	SHAFT			2
42	40K–6	PLUG			2
43	6513419	SEAL	Was 1566183 [A]		2
44	1313660	BEARING			2
45	6515060	CUP			2
46	6518992	BOLT			12
47	6524422	HUB	6–bolt – Includes Ref. 45, 46, 48 & 49		1
48	6557188	NUT	Wheel – Was 6518993 [A]		12

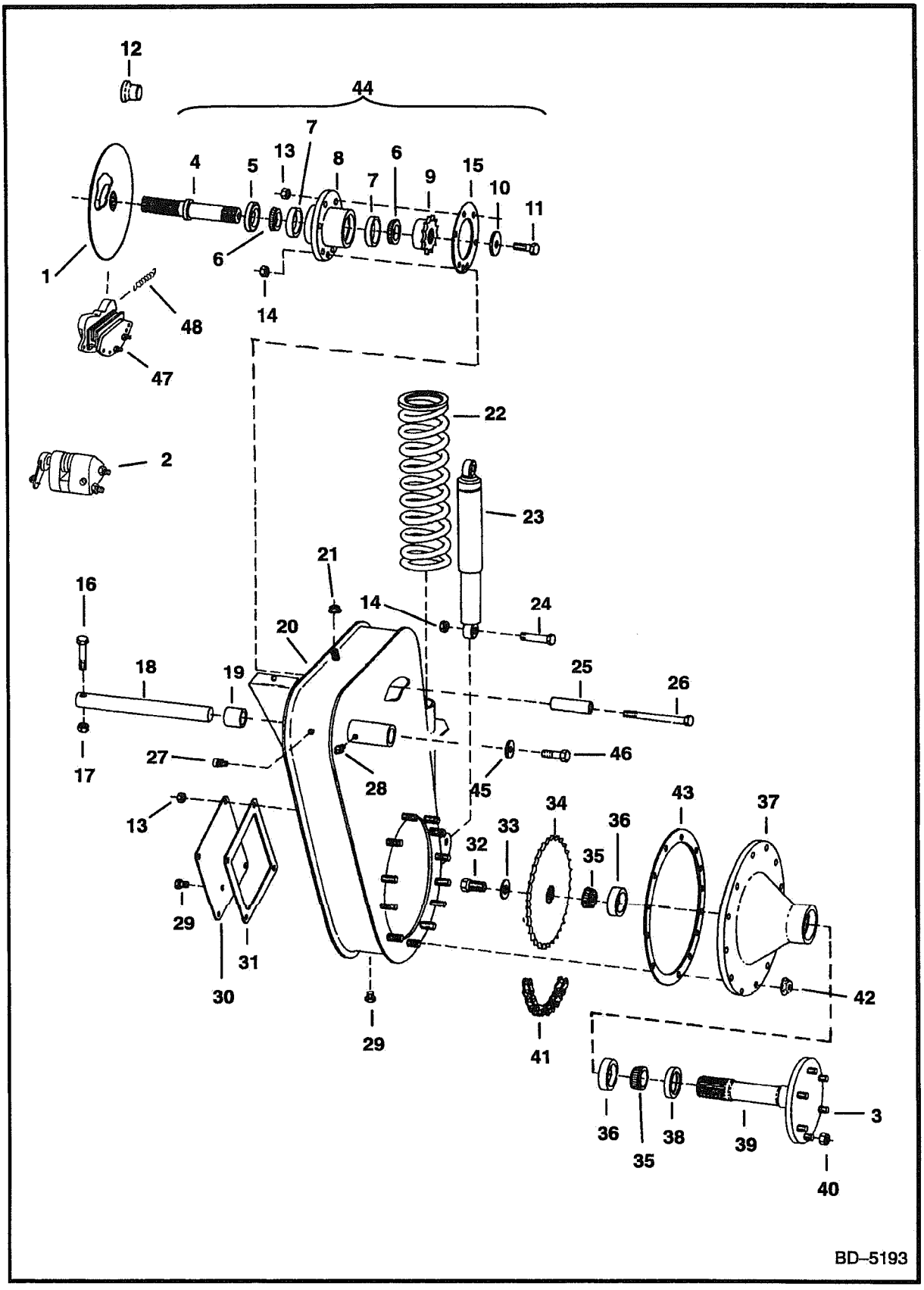
WIDE FRONT WHEELS – Model 230 (Cont'd)
(DRIVE TRAIN)



WIDE FRONT WHEEL – Model 230 (Cont'd)
(DRIVE TRAIN)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
49	713024	CUP			2
50	713023	BEARING			2
51	6528769	WASHER			2
52	4D–12	NUT			2
53	6529211	CAP			2
54	1F–620	COTTER PIN			2
55	6665086	SEAL	Wiper Rod – Was NSS		4
56	6538140	SEAL	Rod – Was NSS		4
57*	73K–232	RING	Back–Up – Was 80K–232 [A]		4
58	58K–232	O–RING	Was NSS		2
59*	6804603	SEAL KIT	Includes one each of Ref. 55–58 & 5 – Requires two kits – Upper & Lower – Per Side – Was 6803269 [A]		x
60	6618333	SPACER	See SCTB–SC003		1
61	6656334	SPRING	Length 11" – See SCTB–SC003		2
62	6618318	SAFETY TREAD			1
63	6658587	RING			2
64	6617261	AXLE	Assy. L.H.– W/Ref. 5, 27–32, 41–58, 60, 61 & 63		1
	6617352	AXLE	Assy. R.H.– W/Ref. 5, 27–32, 41–58, 60, 61 & 63		1
65	6627232	SPACER			2
66	17C–1296	BOLT			2
67	10H–25	ZERK	Grease		1
68	12H–15	ZERK	Grease		1
69	6627148	BUSHING			1
70	6661619	SEAL	Rubber		4

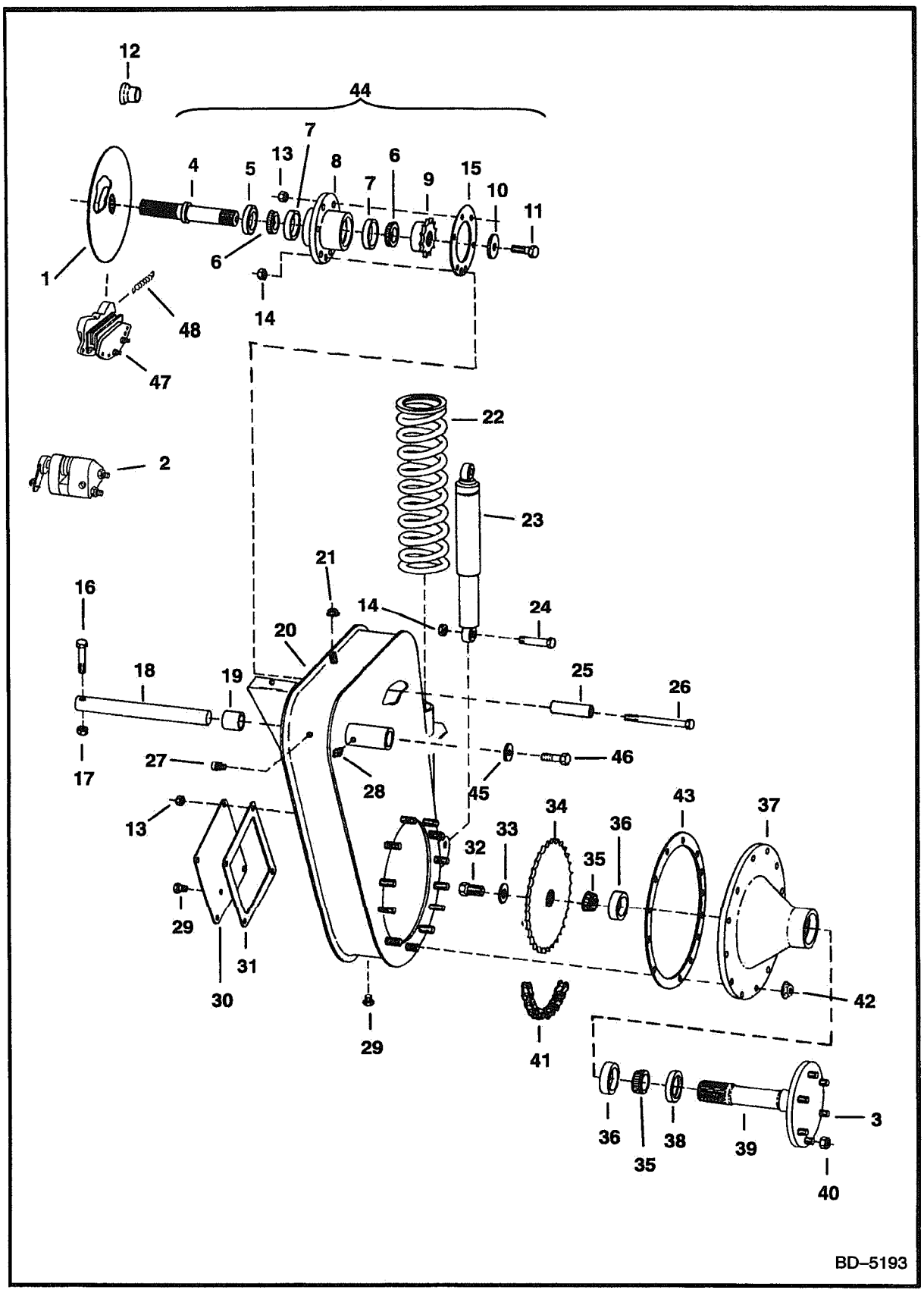
FINAL DRIVE – Model 220
(DRIVE TRAIN)



FINAL DRIVE – Model 220 (Cont'd)
(DRIVE TRAIN)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6620287	DISC	Brake	208913764 & Bel.	
				209211264 & Bel.	1
	6627303	DISC	Brake – Ausco	208913765 & Abv.	
				209211265 & Abv.	1
2		BRAKE	See Page E16–E17		1
3	6564741	BOLT			6
4	6620286	SHAFT			1
5	6620282	SEAL			1
6	743773	BEARING			2
7	743774	CUP			2
8	6623896	HOUSING			1
9	6624853	SPROCKET			1
10	6620310	WASHER			1
11	18C–824	BOLT			1
12	6617171	SLEEVE	Seal Installation		1
13	89D–6	NUT			10
14	81D–8	NUT			3
15	6620313	GASKET			1
16	17C–632	BOLT			2
17	85D–6	NUT			1
18	6620304	SHAFT			2
19	6620317	BUSHING			2
20	6625045	HOUSING	Left – With Ref. 19	208913764 & Bel.	
				209211264 & Bel.	1
	6627514	HOUSING	Left – With Ref. 19	208913765 & Abv.	
				209211265 & Abv.	1
	6625031	HOUSING	Right – With Ref. 19	208913764 & Bel.	
				209211264 & Bel.	1
	6627510	HOUSING	Right – With Ref. 19	208913765 & Abv.	
				209211265 & Abv.	1
21	6518382	NUT			1
22	6625258	SPRING			2
23	6620319	SHOCK	W/Sleeve		1
24	17C–840	BOLT			2
25	6624453	SPACER			1
26	17C–888	BOLT			1
27	6634761	PLUG	Vent		1
28	10H–35	GREASE ZERK			1
29	40K–6	PLUG			2
30	6623541	COVER	Access Left & Right		1
31	6620315	GASKET	Access Cover		1
32	18C–1224	BOLT			1
33	6552871	WASHER			1
34	6548891	SPROCKET			1
35	3974866	BEARING	Kit W/Ref. 36 – Was 6511331 [A]		2
36	NSS	CUP	Order Ref. 35 – Was 6511330 [A]		2
37	6625455	HOUSING			1
38	6660126	SEAL	Was 6512114		1
39	6620281	SHAFT	W/Ref. 3		1
40	6557188	NUT	Wheel – Was 6518993 [A]		6

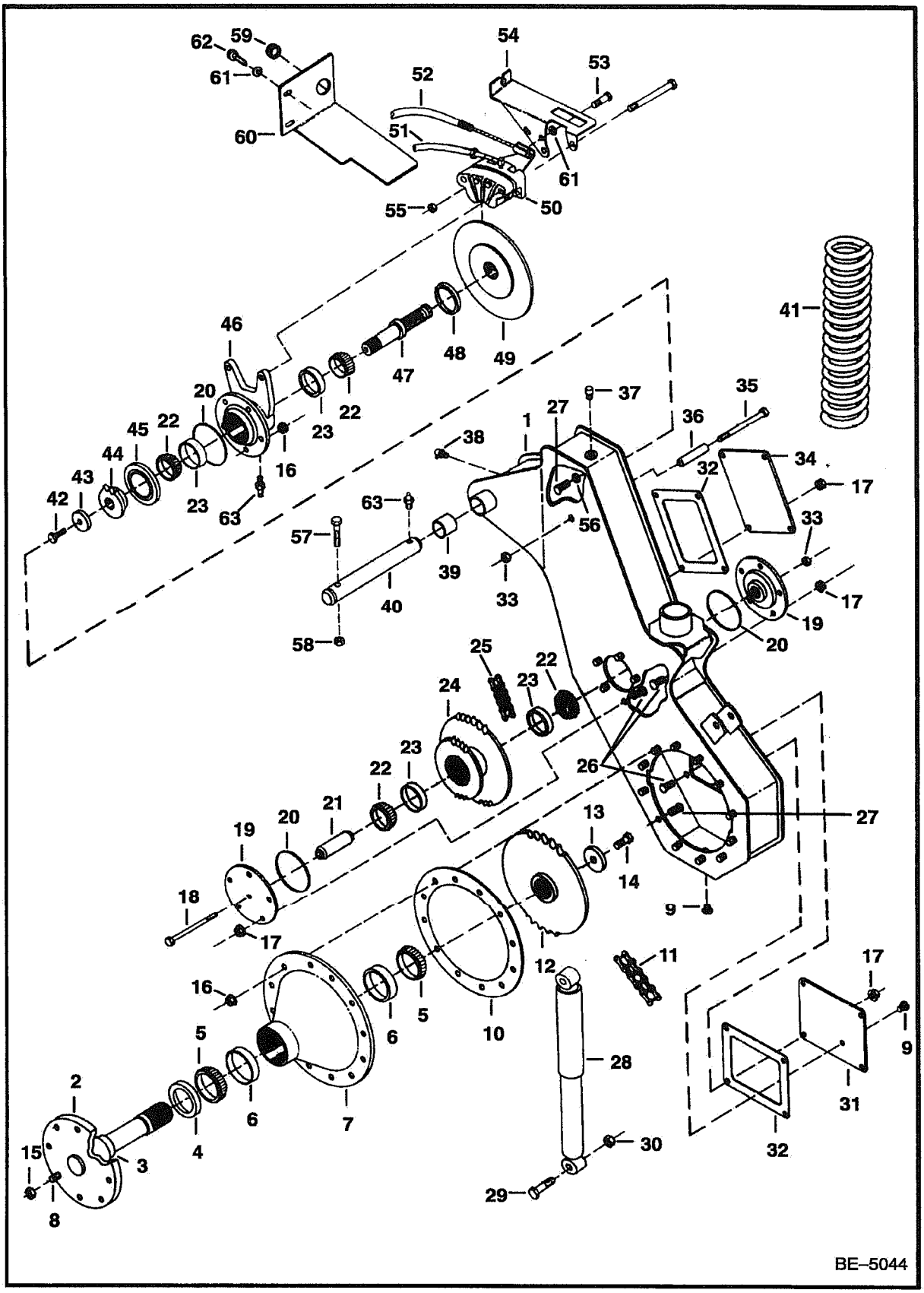
FINAL DRIVE – Model 220 (Cont'd)
(DRIVE TRAIN)



FINAL DRIVE – Model 220 (Cont'd)
(DRIVE TRAIN)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
41	6667160	CHAIN	Riveted Endless – Solid Roller – Was 6625157 [A]		1
42	83D–8	NUT			6
43	6625457	GASKET			1
44	6624856	DRIVE	Assembly – W/Ref. 4–11		1
45	6506477	WASHER			2
46	17C–812	BOLT			2
47		BRAKE	Assembly – See Page E20		1
48	6584584	SPRING		208913765 & Abv.	
				209211265 & Abv.	1

FINAL DRIVE – Model 230
(DRIVE TRAIN)

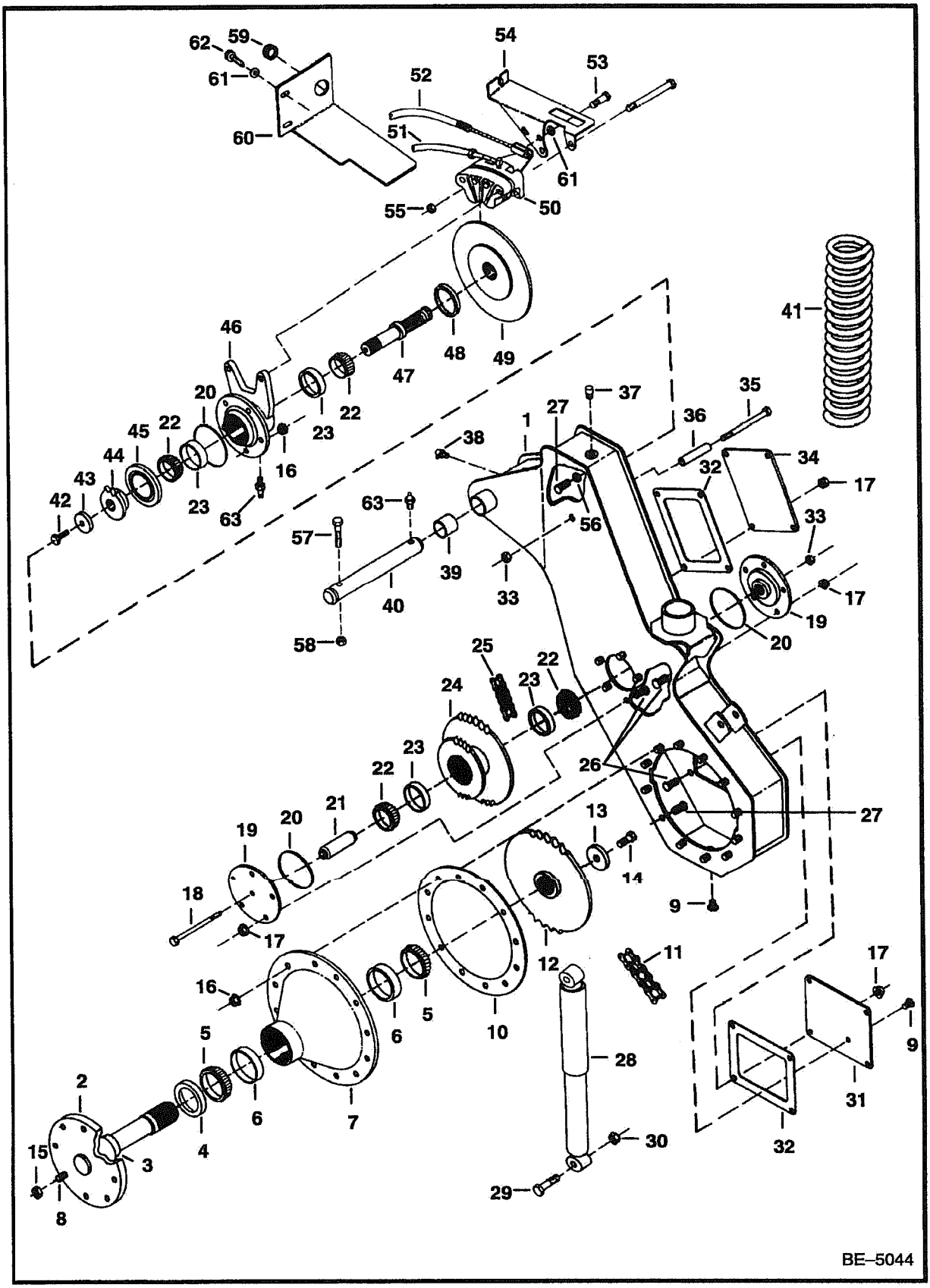


BE–5044

FINAL DRIVE – Model 230 (Cont'd)
(DRIVE TRAIN)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6617319	HOUSING	Left – W/Bushing Ref. 39		1
	6617320	HOUSING	Right – W/Bushing Ref. 39		1
2	6617291	SHAFT	Assy. – W/Bolts Ref. 8		1
3	6558477	RING			1
4	6513277	SEAL			1
5	6519925	BEARING			2
6	6519926	CUP			2
7	6617439	HOUSING			1
8	6559502	BOLT			8
9	40K–6	PLUG			2
10	6625457	GASKET			1
11	6667161	CHAIN	Riveted Endless – Solid Roller –		
			Was 6617236 [A]		1
12	6617235	SPROCKET			1
13	6552871	WASHER			1
14	18C–1224	BOLT			1
15	6564669	NUT			8
16	84D–8	NUT			16
17	84D–7	NUT			18
18	17C–896	BOLT			1
19	6617472	SUPPORT			2
20	25K–40400	O–RING			3
21	6617305	JACKSHAFT			1
22	743773	BEARING			4
23	743774	CUP			4
24	6617284	SPROCKET			1
25	6667160	CHAIN	Riveted Endless – Solid Roller –		
			Was 6625157 [A]		1
26	6506362	BOLT			18
27	6564741	BOLT			16
28	6623263	SHOCK ABSORBER			1
29	17C–1248	BOLT			1
30	61D–12	NUT			1
31	6617468	COVER			1
32	6620315	GASKET			2
33	61D–8	NUT			2
34	6617316	COVER			1
35	17C–888	BOLT			1
36	6617386	SPACER			1
37	6634761	PLUG	Vent		1
38	16F–2	PLUG			1
39	6560334	BUSHING			2
40	6617855	PIN			1
41	6617232	SPRING			1
42	17C–824	BOLT			1
43	6620310	WASHER			1
44	6617233	SPROCKET			1
45	6515000	SEAL			1
46	6617454	HOUSING			1
47	6620286	SHAFT			1
48	6620282	SEAL			1

FINAL DRIVE – Model 230 (Cont'd)
(DRIVE TRAIN)

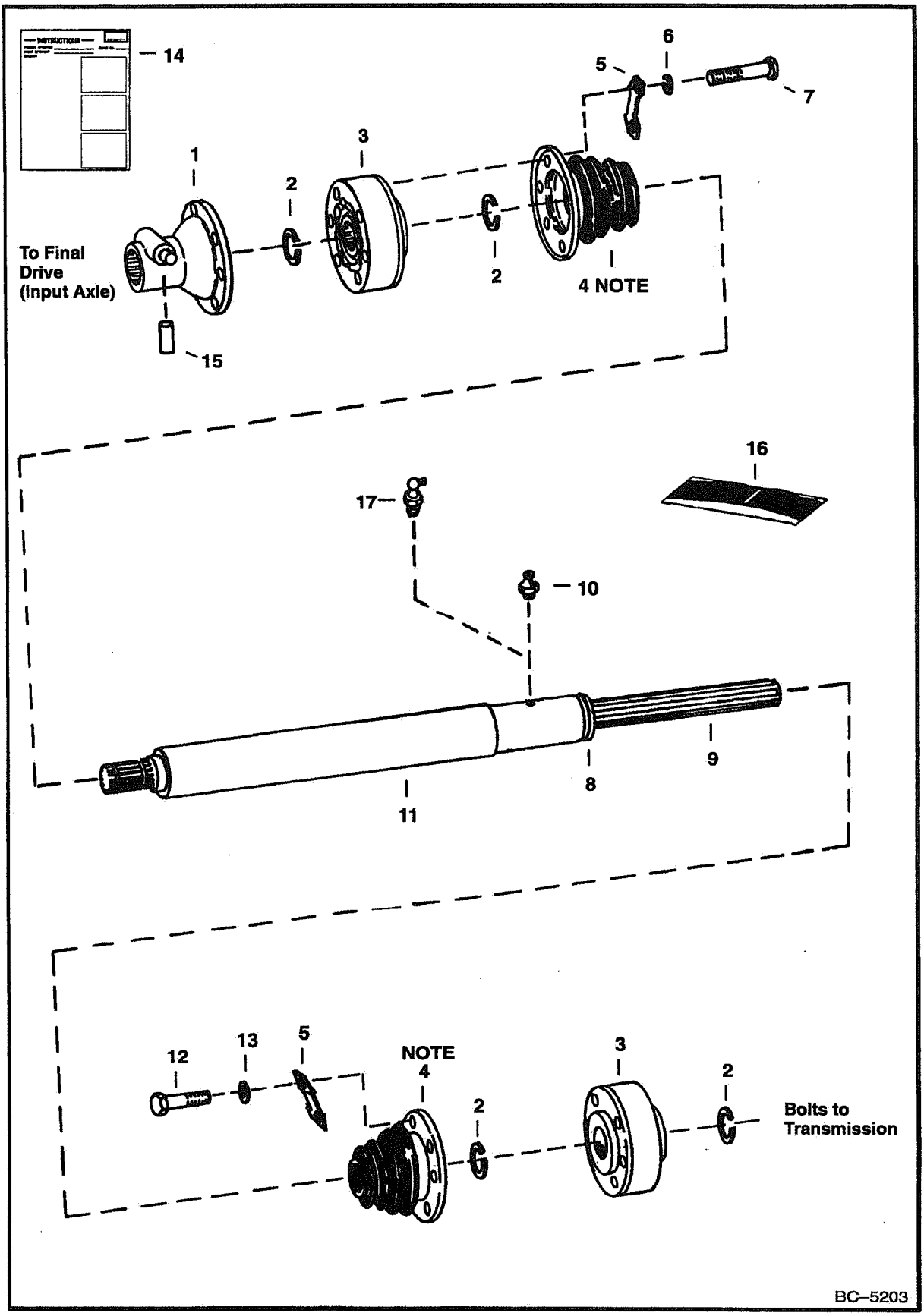


BE–5044

FINAL DRIVE – Model 230 (Cont'd)
(DRIVE TRAIN)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
49	6620287	DISC	Brake		1
50		BRAKE	See Page E21		1
51	6617747	BRAKE LINE	See Page F6, Ref. 29		2
52	NAP	CABLE	Brake – See Page F10, Ref. 8– Was 6620426		1
53	17C–644	BOLT			1
54	6617474	BRACKET	L.H.		1
	6617475	BRACKET	R.H.		1
55	61D–6	NUT			2
56	6564740	WASHER			4
57	17C–748	BOLT			1
58	61D–7	NUT			1
59	6641285	GROMMET			2
60	6617674	SHIELD	Brake L.H.		1
	6617675	SHIELD	Brake R.H.		1
61	25E–18	WASHER			4
62	17C–624	BOLT			1
63	10H–25	GREASE ZERK			1

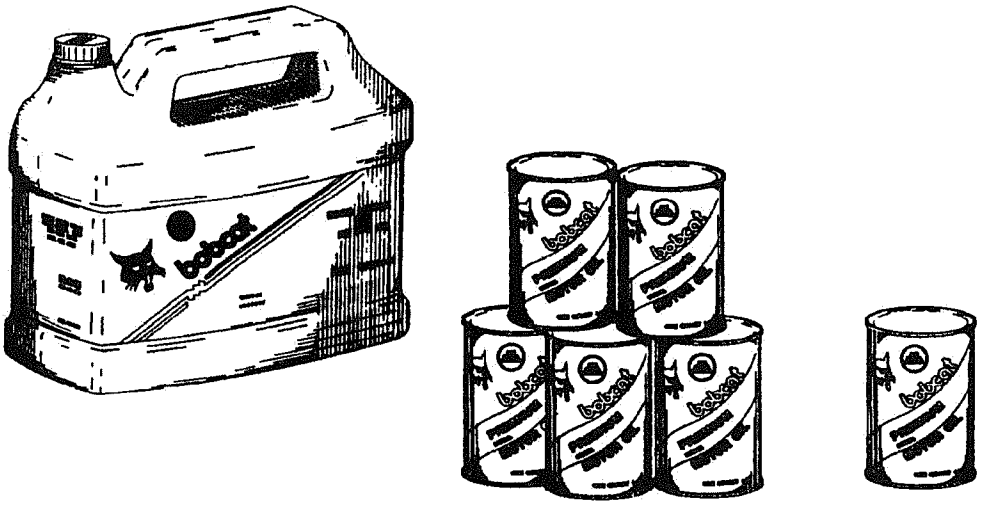
AXLE – ADJUSTABLE
(DRIVE TRAIN)



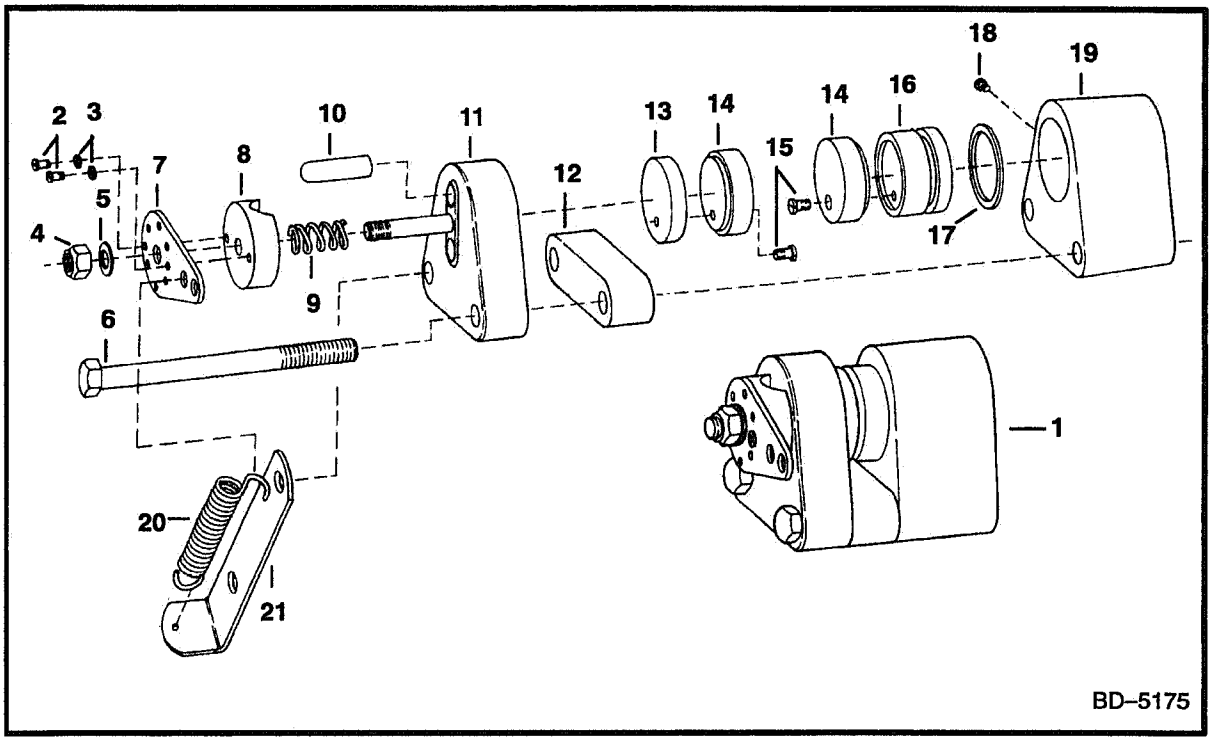
AXLE – ADJUSTABLE (Cont'd)
(DRIVE TRAIN)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6665042	COUPLER	W/Lock Pin – Ref. 15 – Was 6620290 [A]		1
2	6510975	SNAP RING			4
3	6510999	JOINT	Constant Velocity		2
4	6511327	SLEEVE	See SCTB–SC010		2
5	6510720	PLATE			6
6	4E–5	WASHER			6
7	17C–532	BOLT			6
8	6610600	DUST CAP			1
	6611264	SEAL	Felt		1
9	6626177	SPLINE	Male–Transmission End – 15.78" – Std. on 220 & 220-78 – Was 6620307 [A]		1
	6626179	SPLINE	Male–Transmission End – 13.75" – Std on 230		1
	6626178	SPLINE	Male–Transmission End – 12.75" – Std. 220-72		1
	6627140	SPLINE	Male–Transmission End – 11.08" – Std. on 220-72		1
10	10H–35	GREASE ZERK	Model 220-78		1
11	6620270	SPLINE	Female Short 16.5" – Includes Ref. 8 & 10– Std. on 220 & 220-78		1
	6624725	SPLINE	Female Short 13" – Includes Ref. 8 & 17 – Std. on 220-72 & 230		1
	6620273	SPLINE	Female Long 26.78" – Includes Ref. 8 & 10 on 220		1
	6617733	SPLINE	Female Long 21.5" – Includes Ref. 8 & 17 on 230		1
	6627139	SPLINE	Female Long 11.37" – W/Ref. 8 & 17 – 220-72		
12	7CM–645	BOLT			6
13	6511638	WASHER			6
14	6629526	INSTRUCTION	Mounting		1
15	NSS	PIN	Lock – Order Ref. 16		1
16	6662097	KIT	Pin – W/Spring, Instructions		1
17	12H–35	GREASE ZERK	Model 230, 220 – 72		1

Melroe has engine oil blended to our specifications which meet or exceed the highest demands of your engine.

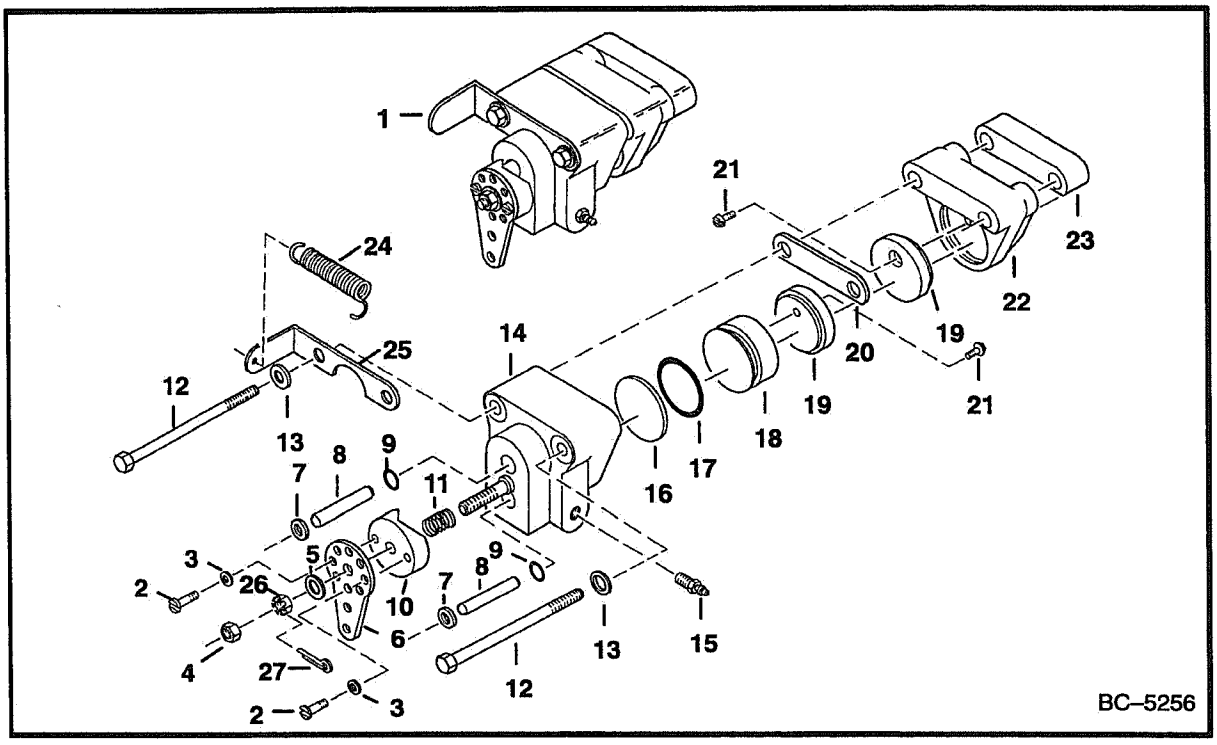


Available from Melroe Parts.



BRAKE ASSEMBLY – MODEL 220
(DRIVE TRAIN)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	NAP	BRAKE	Order 6632212 – Page E17	220–5555 & Bel.	2
2	NSS	SCREW	Order Ref. 7		2
3	NSS	WASHER	Order Ref. 7		2
4	86D–5	NUT			1
5	NSS	WASHER			1
6*	2C–668	BOLT	Was 18C–668		2
7	6624356	ARM	Lever – Comes with Ref. 2, 3 & 8		1
8	NSS	CAM	Order Ref. 7		1
9	3736705	SPRING			1
10	6624355	PIN	Push		2
11	6599153	HOUSING			1
12	6599154	SPACER			1
13	3736707	PLATE	Back–Up		1
14	6666603	PUCK	Brake – Was 3736716 [A]		2
15	3736715	SCREW	Brass		1
16	3736713	PISTON			1
17	6599158	O–RING			1
18	3736711	SCREW	Bleeder		1
19	6599156	HOUSING			1
20	6610077	SPRING			1
21	NAP	MOUNT	Spring – Was 6625042 [A]		1



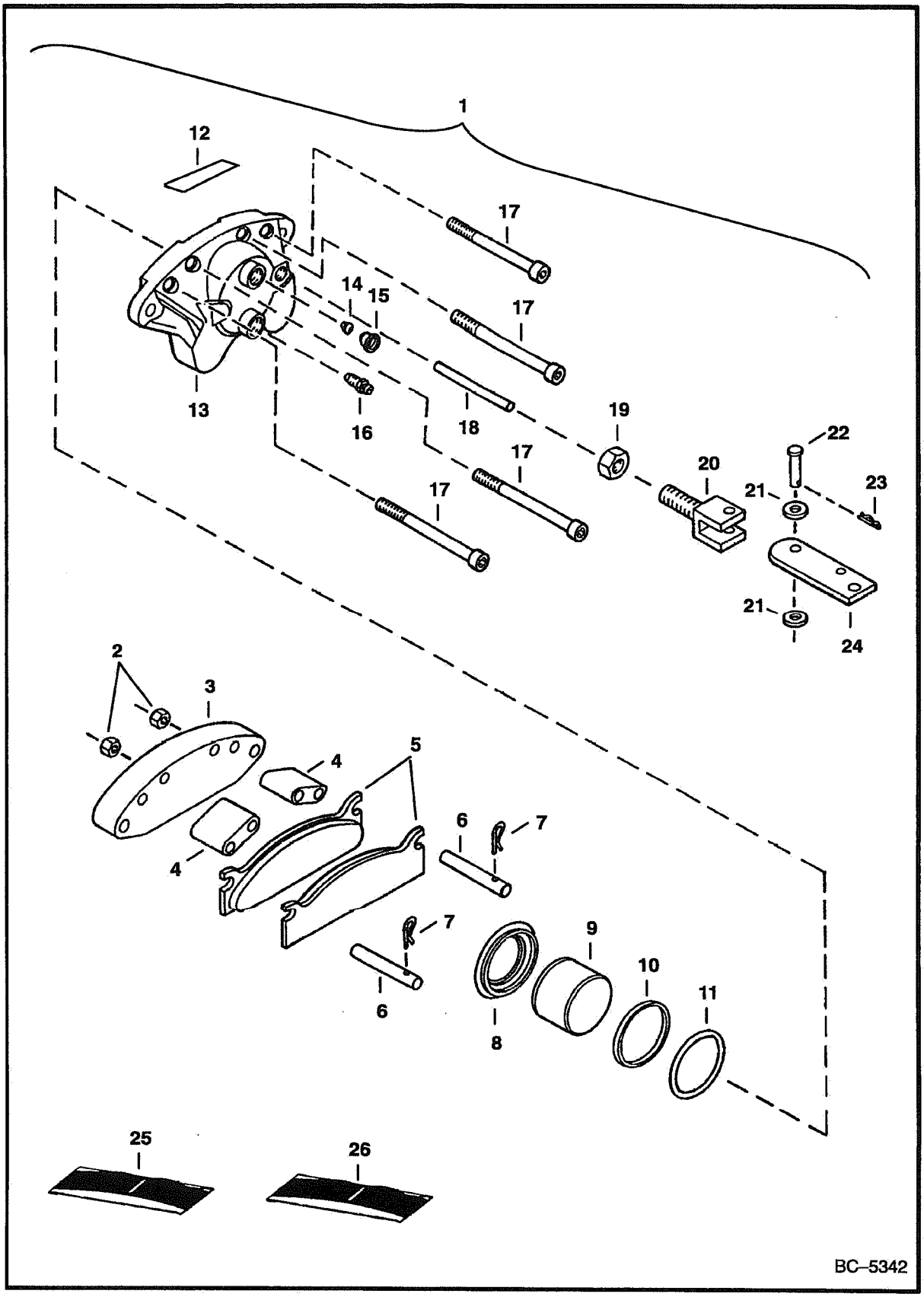
BRAKE ASSEMBLY – MODEL 220
(DRIVE TRAIN)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6632212	BRAKE	W/Ref. 2-23	220–5556 – 6537 208911001-13764 209211264 & Bel.	2
2	NSS	SCREW	Order Ref. 6		2
3	NSS	WASHER	Order Ref. 6		2
4	86D–5	NUT			1
5	NSS	WASHER			1
6	6624356	ARM	Assy. – W/Ref. 2, 3 & 10		1
7	6632572	WIPER			2
8	6632573	PIN	Actuating		2
9	6632571	O–RING	EPR		2
10	NSS	CAM	Order Ref. 6		1
11	3736705	SPRING			1
12*	2C–680	BOLT	Was 18C–680 [A]		2
13	NAP	WASHER	Was 6599157		2
14	6667555	HOUSING	Live Side – Was 6632576 [A]		1
15	6632574	SCREW	Bleeder		1
16	6632575	PLATE	Back		1
17	6599158	O–RING	EPR		1
18	6632570	PISTON			1
19	6666603	PUCK	Was 3736716[A]		2
20	6632568	SPACER			1
21	3736715	SCREW	Brass		2
22	6632569	HOUSING	Dead Side		1
23	6632214	SPACER			1
24	6610077	SPRING			1

BRAKE ASSEMBLY – MODEL 220 (Cont'd)
(DRIVE TRAIN)

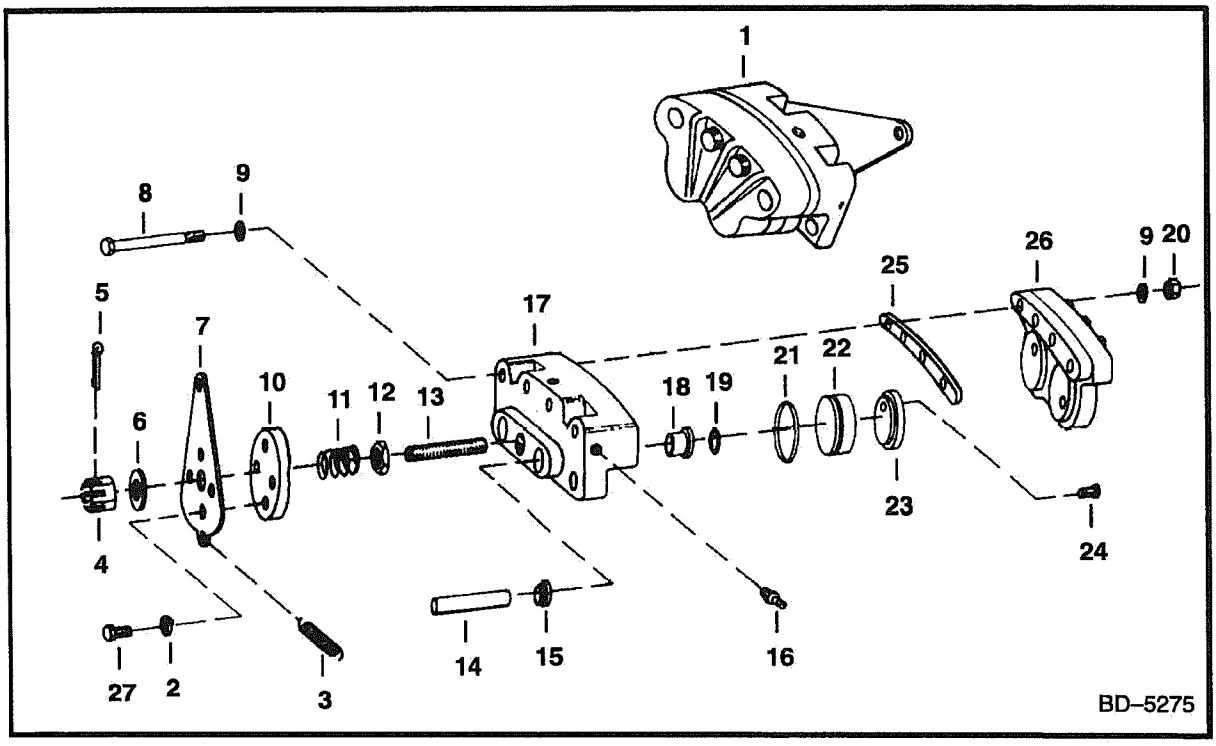
Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
25	6625582	MOUNT	Spring R.H.		1
	6625158	MOUNT	Spring L.H.		1
26	6667817	NUT	Slotted		1
27	6667818	COTTER PIN			1

BRAKE ASSEMBLY – AUSCO – MODEL 220
(DRIVE TRAIN)



BRAKE ASSEMBLY – AUSCO – MODEL 220 (Cont'd)
(DRIVE TRAIN)

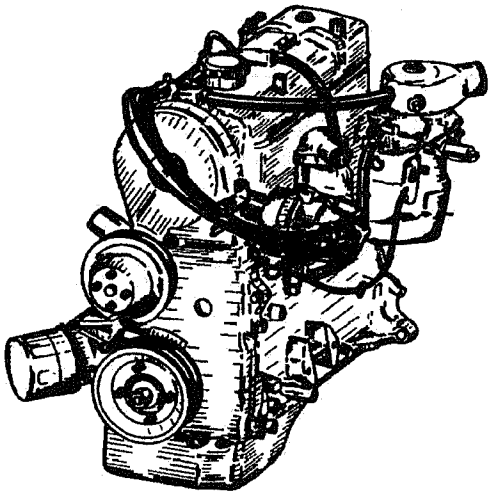
Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6664983	BRAKE	Assy. W/Ref. 2 – 24	208913765 & Abv. 209211265 & Abv..	1
2	6665628	NUT			2
3	6665629	PLATE	Secondary – Was NSS		1
4	6665630	SPACER	Was NSS		2
5	NSS	LINING	Stator Assembly – Order Ref. 25		2
6	6665631	PIN	Clevis		2
7	6665632	CLIP	Pin		2
8	NSS	BOOT	Order Ref. 26		1
9	6665633	PISTON			1
10	NSS	RING	Order Ref. 26		1
11	NSS	O–RING	Order Ref. 26		1
12	6665634	LABEL	Caution		1
13	NSS	HOUSING	Order Ref. 1		1
14	6665636	INSERT	Seat		1
15	6665637	PLUG	Protective		1
16	6665638	SCREW	Bleeder		1
17	6665639	BOLT	Socket Head		4
18	6665640	PIN	Push		1
19	6665641	NUT			1
20	6665642	YOKE			1
21	6665643	WASHER	Spacer		2
22	6665644	PIN	Clevis		1
23	6665645	CLIP	Pin		1
24	6665646	LEVER			1
25	6665648	KIT	Lining Stator Assy. – W/Ref. 5 – Qty. 2		1
26	6665647	KIT	Boot, Ring – Back-up, o–ring – Ref. 8, 10, 11 – Qty. 1 of each		1



BRAKE ASSEMBLY – MODEL 230
(DRIVE TRAIN)

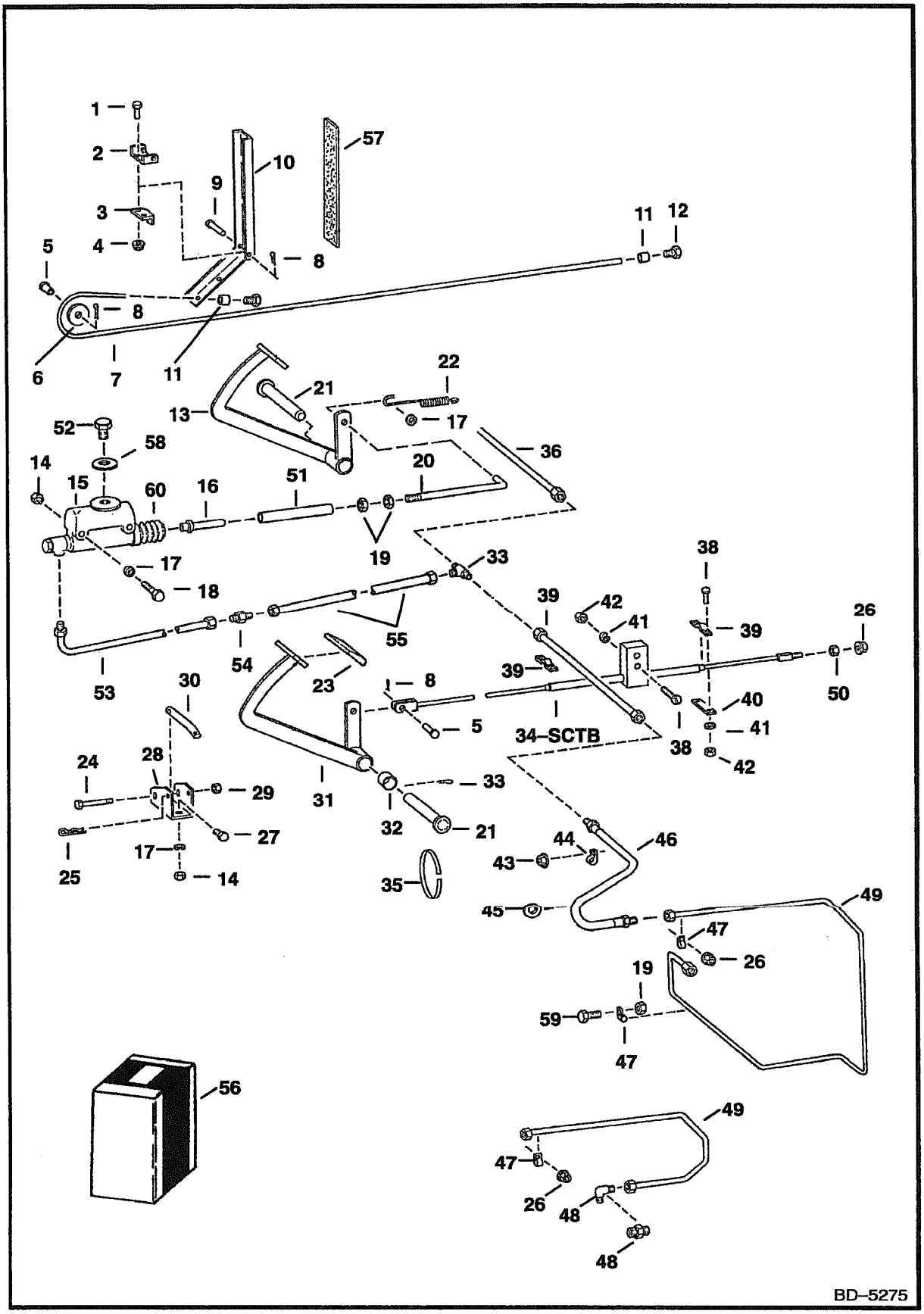
Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6649415	BRAKE	Assy. – W/Ref. 2 & 4–27		2
2	NSS	WASHER			4
3	6584584	SPRING			1
4	6653714	NUT			1
5	NSS	COTTER PIN			1
6	6653713	WASHER			1
7	6617476	ARM			1
8	6653710	BOLT			4
9	6653708	WASHER			8
10	6653778	CAM			1
11	6653712	SPRING			1
12	6653711	NUT			1
13	6653715	STUD			1
14	6653719	PIN	Actuating		2
15	6653718	SEAL	Rod Wiper EPR		2
16	6632574	VALVE	Bleeder		2
17	6653709	HOUSING	Live Side		1
18	6653717	SLEEVE			2
19*	6672454	O–RING	EPR – Small – Was 6653716[A]		2
20	6653707	NUT			4
21	6599158	O–RING	EPR – Large		2
22	6632570	PISTON			2
23*	6666603	PUCK	Was 3736716 [A]		4
24	3736715	SCREW	Brass		4
25	6653721	SPACER			1
26	6653722	HOUSING	W/Ref. 23 & 24		1
27	NSS	SCREW			4

Both new and rebuilt engines are available from Melroe.



Available from Melroe Parts.

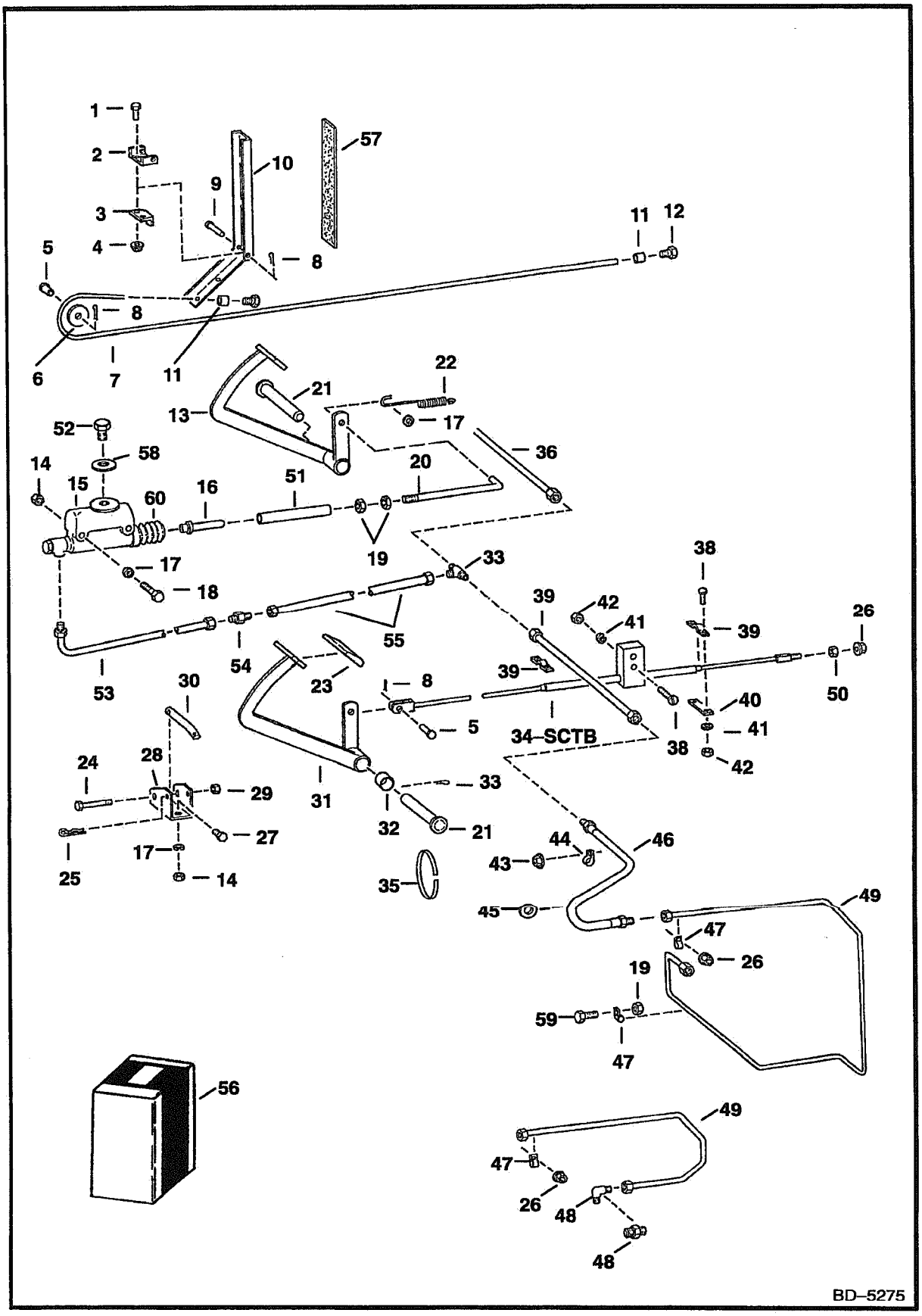
PEDAL – BRAKE, CLUTCH ASSEMBLY – MODEL 220
(DRIVE TRAIN)



PEDAL – BRAKE, CLUTCH ASSEMBLY – MODEL 220 (Cont'd)
(DRIVE TRAIN)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	17C–410	BOLT			2
2	6620340	BRACKET			1
3	6625595	BRACKET			1
4	83D–4	NUT	Flange – Was 6599341 [A]		2
5	2F–5062	CLEVIS PIN			2
6	6612651	PULLEY			1
7	6625452	CABLE	Accelerator		1
8	1F–312	COTTER PIN			3
9	6623883	CLEVIS PIN			1
10	6620339	PEDAL	Accelerator		1
11	6510736	SLEEVE			2
12	6512952	SCREW			2
13	6620326	PEDAL	Brake		1
14	85D–6	NUT			6
15	1319361	CYLINDER	Master	208914108 & Bel.	1
	6669416	CYLINDER	Master	208914109 & Abv.	1
	6598365	KIT	Master Cylinder – With 1 each – Gasket Cap, Rubber Sleeve, Snap Ring, Flat Washer, Stem W/O–ring, Rubber Cap, Spring	208914108 & Bel.	1
	6669637	KIT	Master Cylinder – With 1 each Piston Assy., Lockwire Boot, Return Spring Assy., Cup	208914109 & Abv.	1
16	6800771	ROD		208914109 & Abv.	1
17	25E–17	WASHER	Spacer – Was 25E–16 [D]		3
18	17C–648	BOLT		208914108 & Bel.	2
	17C–652	BOLT		208914109 & Abv.	2
19	61D–6	NUT			1
20	6620338	ROD			1
21	6620327	PIN			2
22	6800216	SPRING	Was 6610187 [A]		1
23	6800419	PAD	Pedal –Was 1618250 [B]		2
24	17C–428	BOLT			1
25	1318566	HAIR PIN			1
26	6518382	NUT	Flange		3
27	17C–616	BOLT			2
28	6625483	BRACKET	Clutch Holddown		1
29	85D–4	NUT			1
30	6625484	BAR	Stop		1
31	6620324	PEDAL	Clutch		1
32	6620331	BUSHING			4
33	1F–624	COTTER PIN			2
34	6658746	CABLE	Clutch-See SCTBSC008 – Was 6625228 [A]		1
35	6624289	NYLON TIE			1
36	6620334	BRAKE LINE	Inner		2
37	44F–2	TEE			1
38	45G–1020	BOLT			4

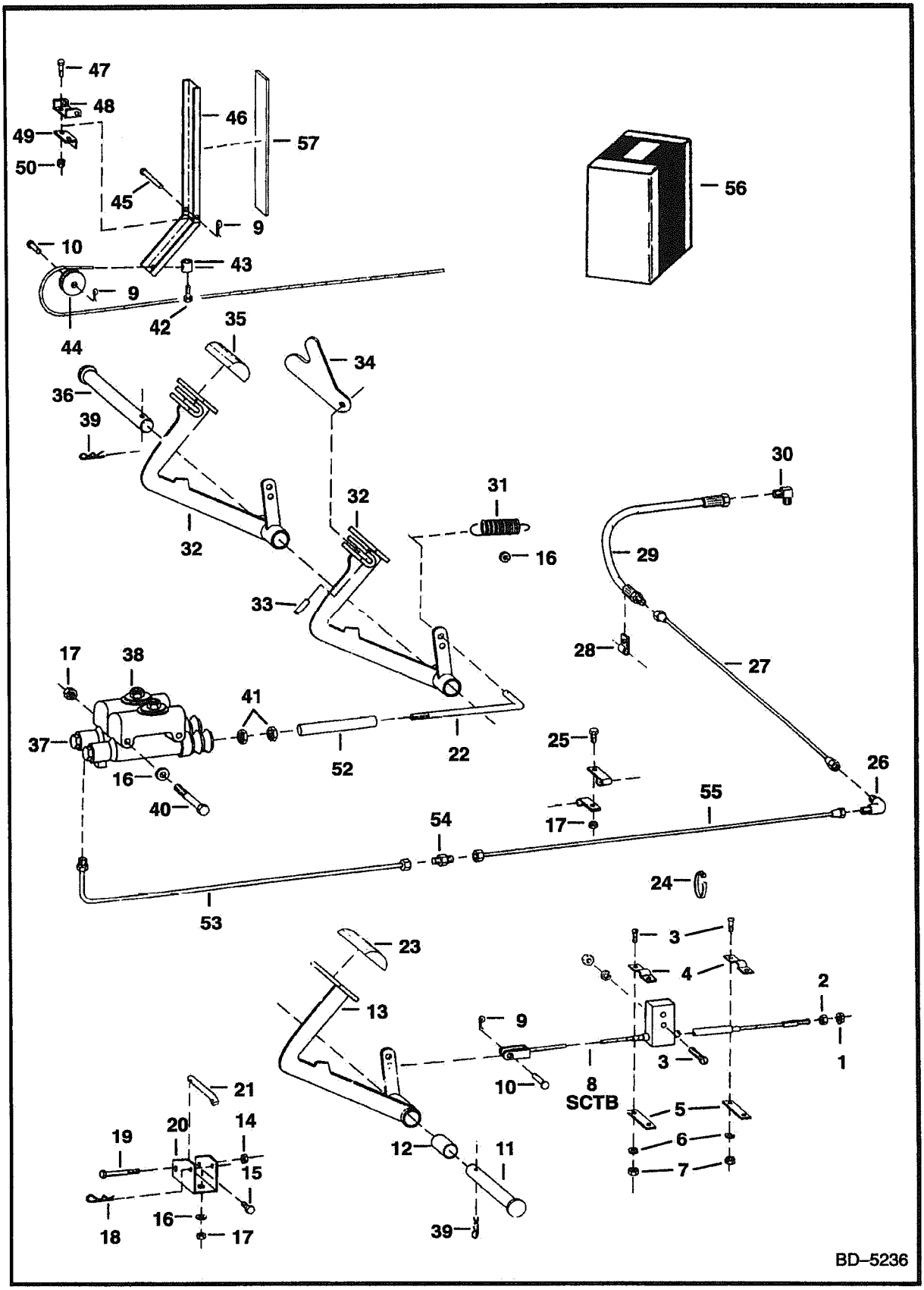
PEDAL – BRAKE, CLUTCH ASSEMBLY – MODEL 220 (Cont'd)
(DRIVE TRAIN)



PEDAL – BRAKE, CLUTCH ASSEMBLY – MODEL 220 (Cont'd)
(DRIVE TRAIN)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
39	1572385	CLAMP	Cable	220–72–11123 & Below 220–78–12849 &	
40	6624493	SHIM		Below 220–72–11123 & Below,	2
41	17E–10	WASHER		220–78–12849 & Below	2 4
42	12D–10	NUT			4
43	6599336	NUT			4
44	30H–12	CLIP	Insulated		2
45	6620411	GROMMET	Small		2
46	6625125	HOSE	Brake		2
47	30H–12	CLIP	Insulated – Was 30H–16 [D]		6
48	42F–2 38F–2	ELBOW FITTING		5555 & Below 5556–6537 & 208911001 &	2
49	6625579	BRAKE LINE	Outer Left	Above 208913764 & Bel. 209211264 & Bel.	2 1
	6627401	BRAKE LINE	Outer Left	208913765 & Abv. 209211265 & Abv.	1
	6625580	BRAKE LINE	Outer Right	208913764 & Bel.	
	6627400	BRAKE LINE	Outer Right	209211264 & Bel. 208913765 & Abv. 209211265 & Abv.	1 1
50	6625227	NUT	Taper		1
51	6617761	TUBE			1
52	6660005	CAP	Less Gasket – Ref. 58	208914108 & Bel.	1
	6669634	CAP	Less Gasket – Ref.58	208914109 & Abv.	1
53	6626576	BRAKE LINE			1
54	40F–2	FITTING			1
55	6626575	BRAKE LINE			1
56	6723007	KIT	Brake Line – W/Ref. 53–55 Was 6620333 [A]		1
57	6618318	SAFETY TREAD			1
58	6669222	GASKET	For Cap Ref. 52	208914108 & Bel.	1
	6669635	GASKET	For Cap Ref. 52	208914109 & Abv.	
59	17C–620	BOLT			2
60	6669636	BOOT	Rubber – used only on Ref. 15 #6669636		

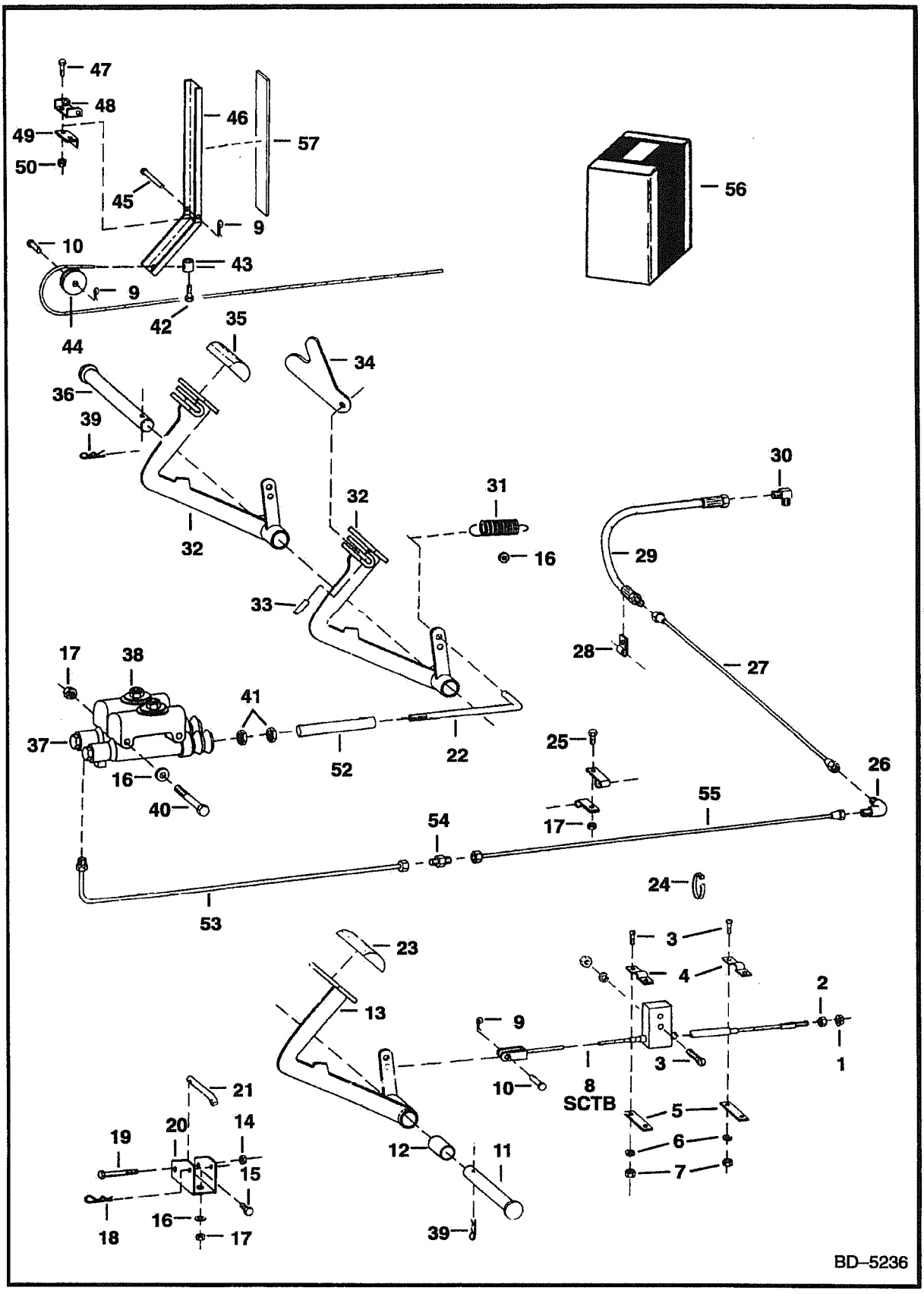
PEDAL–BRAKE, CLUTCH ASSEMBLY – MODEL 230
(DRIVE TRAIN)



PEDAL–BRAKE, CLUTCH ASSEMBLY – MODEL 230 (Cont'd)
(DRIVE TRAIN)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6518382	NUT	Flange		1
2	6625227	NUT	Taper		1
3	45G–1020	BOLT			4
4	1572385	CLAMP	Cable	11468 & Below	2
5	6624493	SHIM		11468 & Below	2
6	17E–10	WASHER			4
7	12D–10	NUT			4
8	6658746	CABLE	Clutch – See SCTB–SC008 – Was6625228 [A]		1
9	1F–312	COTTER PIN			x
10	2F–5062	CLEVIS PIN			x
11	6620327	PIN			1
12	6620331	BUSHING			6
13	6620324	PEDAL	Clutch		1
14	85D–4	NUT			1
15	17C–616	BOLT			2
16	25E–16	WASHER			x
17	85D–6	NUT			x
18	1318566	HAIR PIN			1
19	17C–428	BOLT			1
20	6625483	BRACKET	Clutch Holddown		1
21	6625484	BAR	Stop		1
22	6620338	ROD	Brake		2
23	1618250	PAD	Clutch Pedal		1
24	30H–16	CLIP	Insulated		x
25	17C–612	BOLT			x
26	41F–2	ELBOW			2
27	6620334	BRAKE LINE	Inner		2
28	30H–31	CLIP	Insulated		x
29	6617747	BRAKE LINE			2
30	42F–2	ELBOW			2
31	6800216	SPRING	Was 6610187 [A]		2
32	6617483	PEDAL	Left Brake		1
	6617484	PEDAL	Right Brake		1
33	14J–2512	PIN			1
34	6617524	ARM	Locking		1
35	6617487	PAD	Brake Pedals		2
36	6617482	PIN			1
37	1319361	CYLINDER	Master		2
	6598365	KIT	Master Cylinder – With 1 Each – Gasket Cap, Rubber Sleeve, Snap Ring, Flat Washer, Stem		
			W/O–Ring, Rubber Cap, Spring		1
38	6660005	CAP			2
39	1F–624	COTTER PIN			2
40	17C–684	BOLT			2
41	61D–6	NUT			2
42	6512952	SCREW			1
43	6510736	SLEEVE			1
44	6612651	PULLEY			1
45	6623883	CLEVIS PIN			1

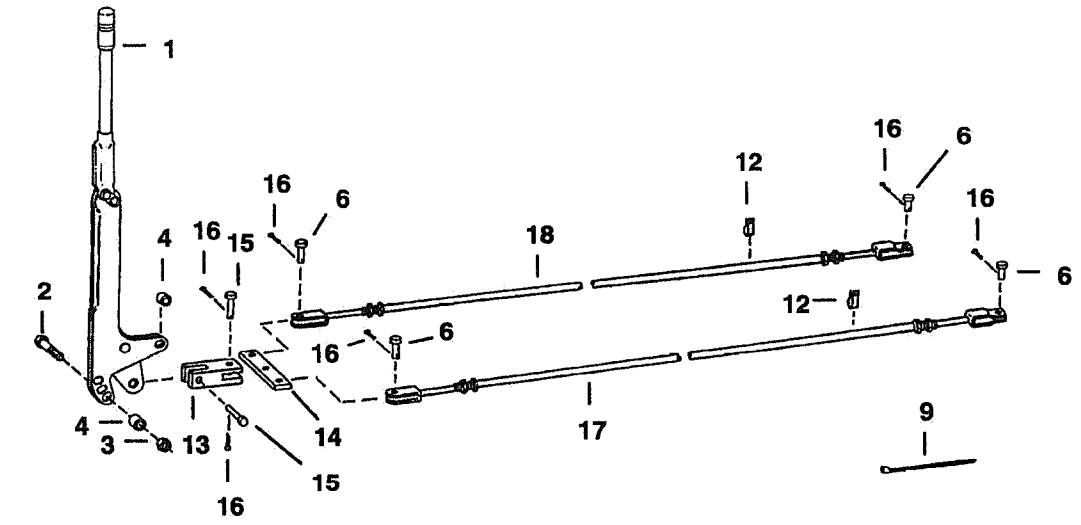
PEDAL–BRAKE, CLUTCH ASSEMBLY – MODEL 230 (Cont'd)
(DRIVE TRAIN)

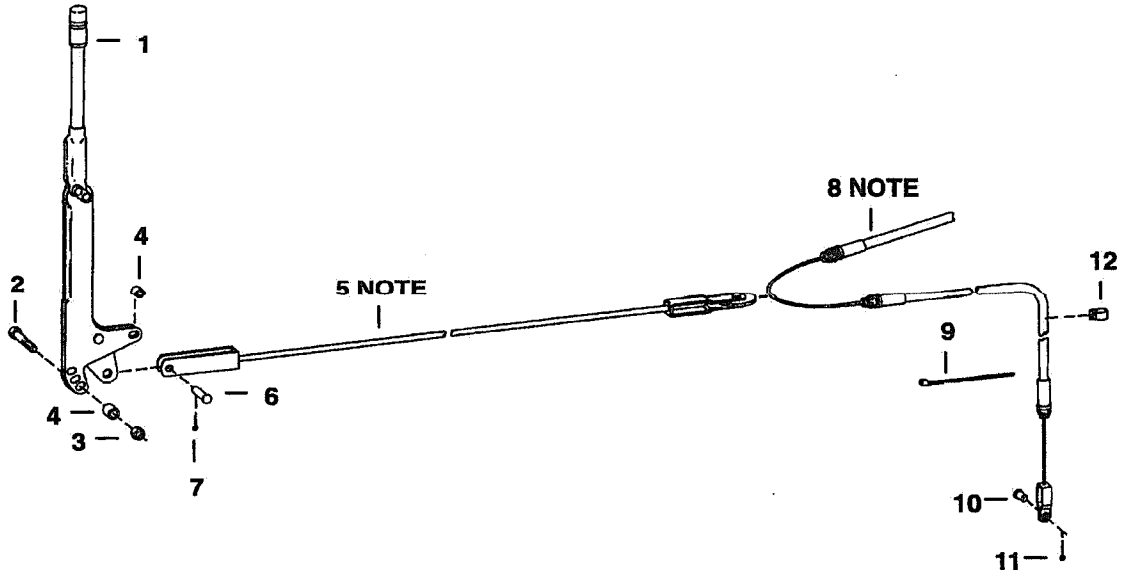


PEDAL–BRAKE, CLUTCH ASSEMBLY – MODEL 230 (Cont'd)
(DRIVE TRAIN)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
46	6617767	PEDAL	Accelerator		1
47	17C–410	BOLT			2
48	6620340	BRACKET			1
49	6625595	BRACKET			1
50	83D–4	NUT			2
51	6625452	CABLE	Accelerator		1
52	6617761	TUBE			2
53	6626576	BRAKE LINE			2
54	40F–2	FITTING			2
55	6626575	BRAKE LINE			2
56	6723007	KIT	Brake Line – W/Ref. 53-55 – Was 6620333 [A]		2
57	6618318	SAFETY TREAD			1

EMERGENCY BRAKE
(DRIVE TRAIN)



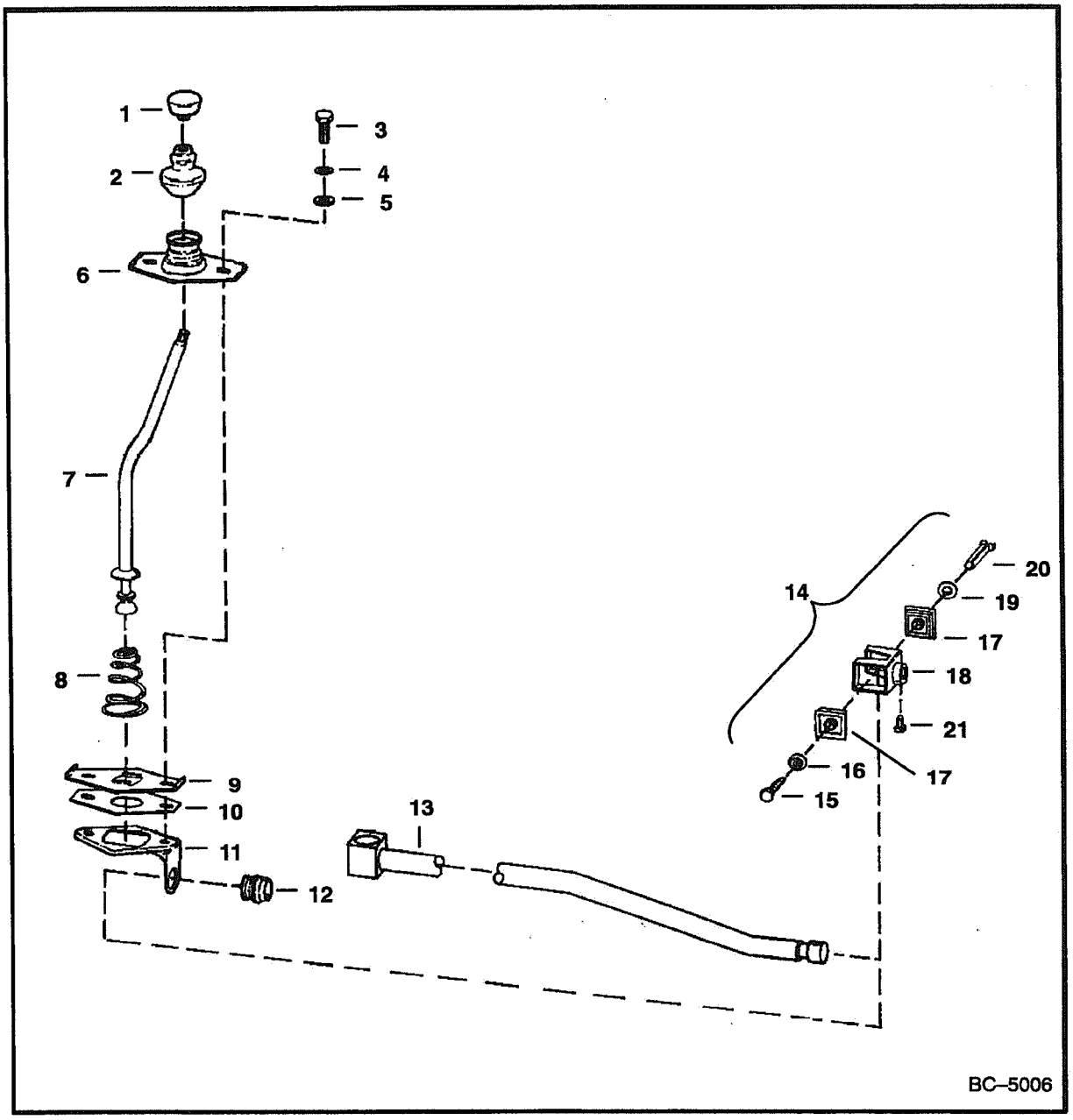


NOTE: 6620425 Cable Ref. 56620426 Cable Ref. 8. When replacing Ref. 5 or Ref. 8 below serial numbers, must replace both Cables Ref. 5 & 8, with Cables P/N 6626795 & 6661992 respectively.

BC–5175

EMERGENCY BRAKE (Cont'd)
(DRIVE TRAIN)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6620424	LEVER			1
2	17C–632	BOLT			2
3	85D–6	NUT			2
4	6624294	SPACER	Was6512358 [A]		2
5	NAP	CABLE	Was 6620425 – Note	S/N – See Note	1
	6626795	CABLE		208913384 -13764	
				209211202 -11264	
				209011885 & Abv.	1
6	NAP	CLEVIS PIN	Order Ref. 15 – Was 2F–6106 [A]		1
7	1F–312	COTTER PIN			1
8	NAP	CABLE	Note – Was 6620426 [A]	S/N– See Note	1
	6661992	CABLE		208913384-13764	
				209211202 -11264	
				209011885 & Abv.	1
9	6610510	NYLON TIE			6
10	2F–4051	CLEVIS PIN			2
11	1F–212	COTTER PIN			2
12	30H–31	CLIP	Insulated – Was 30H–23 [C]		2
13	6627390	CLEVIS		208913765 & Abv.	
				209211265 & Abv.	1
14	6626527	BAR		208913765 & Abv.	
				209211265 & Abv.	1
15	1303190	PIN	Was 4F–6106 [A]	208913765 & Abv.	
				209211265 & Abv.	2
16	1F–308	COTTER PIN		208913765 & Abv.	
				209211265 & Abv.	6
17	6664980	CABLE	L.H.	208913765 & Abv.	
				209211265 & Abv.	1
18	6664981	CABLE	R.H.	208913765 & Abv.	
				209211265 & Abv.	1



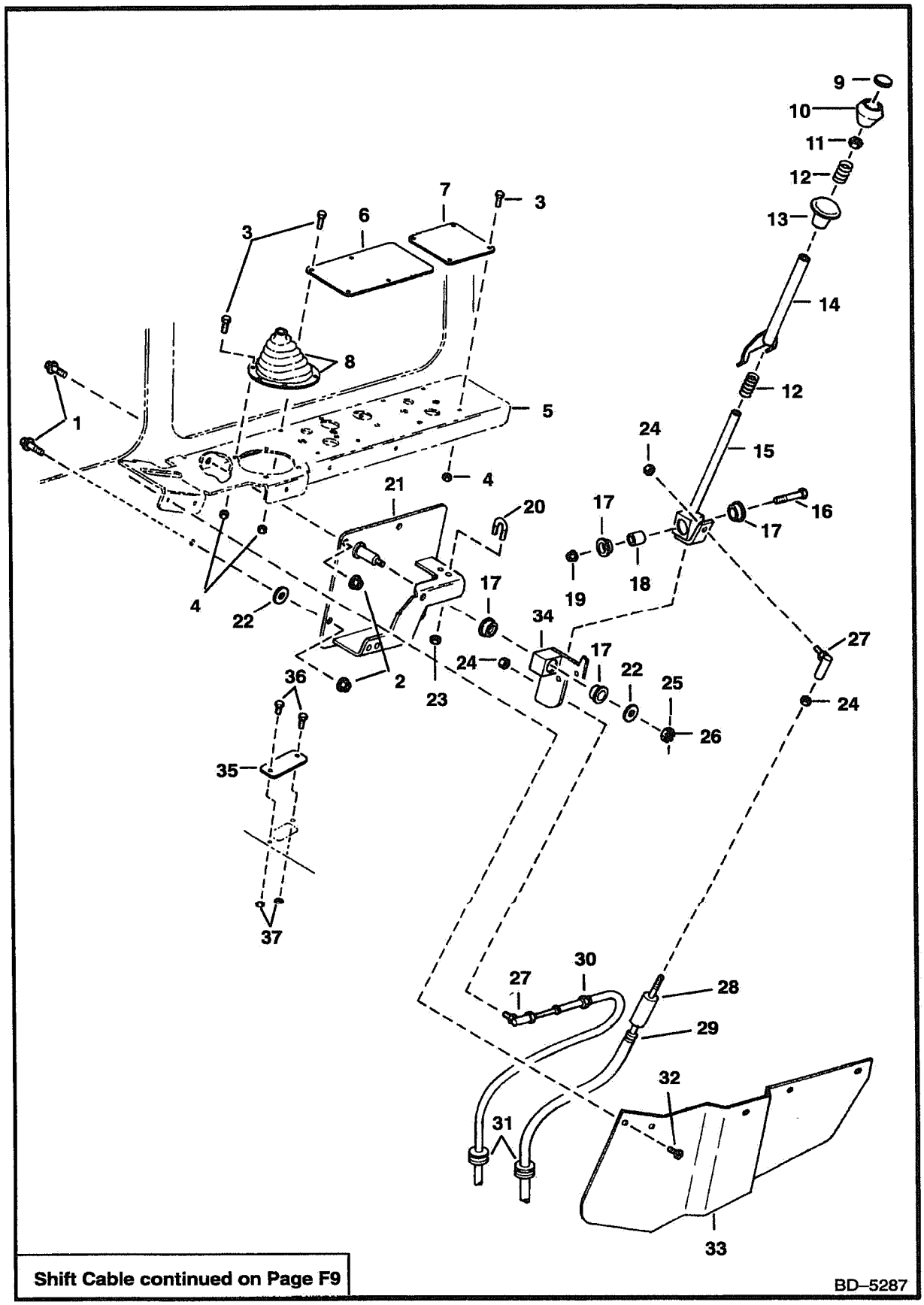
GEAR SHIFT 4 SPEED
(DRIVE TRAIN)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6511000	KNOB			1
2	6510660	BOOT			1
3	4CM–825	BOLT			2
4	9EM–80	WASHER			2
5	25E–16	WASHER			2
6	6510698	HOUSING			1
7	6630320	LEVER			1
8	6510739	SPRING			1
9	6511325	PLATE			1

GEAR SHIFT 4 SPEED (Cont'd)
(DRIVE TRAIN)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
10	6624307	SPACER			1
11	6510696	GUIDE			1
12	6510734	BUSHING			1
13	6626315	SHIFT ROD	Was 6625307 [A]		1
14	6651444	COUPLING KIT	W/Ref. 15–21		1
15	NSS	SCREW	Order Ref. 14 – Was 6511009 [A]		1
16	NSS	CAP	Order Ref. 14 – Was 6510971 [A]		1
17	NSS	RING	Order Ref. 14 – Was 6510726 [A]		2
18	NSS	COUPLING	Order Ref. 14 – Was 6511054 [A]		1
19	NSS	WASHER	Order Ref. 14– Was 15EM–100 [A]		1
20	NSS	SLEEVE	Order Ref. 14 – Was 6510715 [A]		1
21	6511008	SCREW	Order Ref. 14 – Was NSS		1

SHIFT CABLE ASSEMBLY
(DRIVE TRAIN)



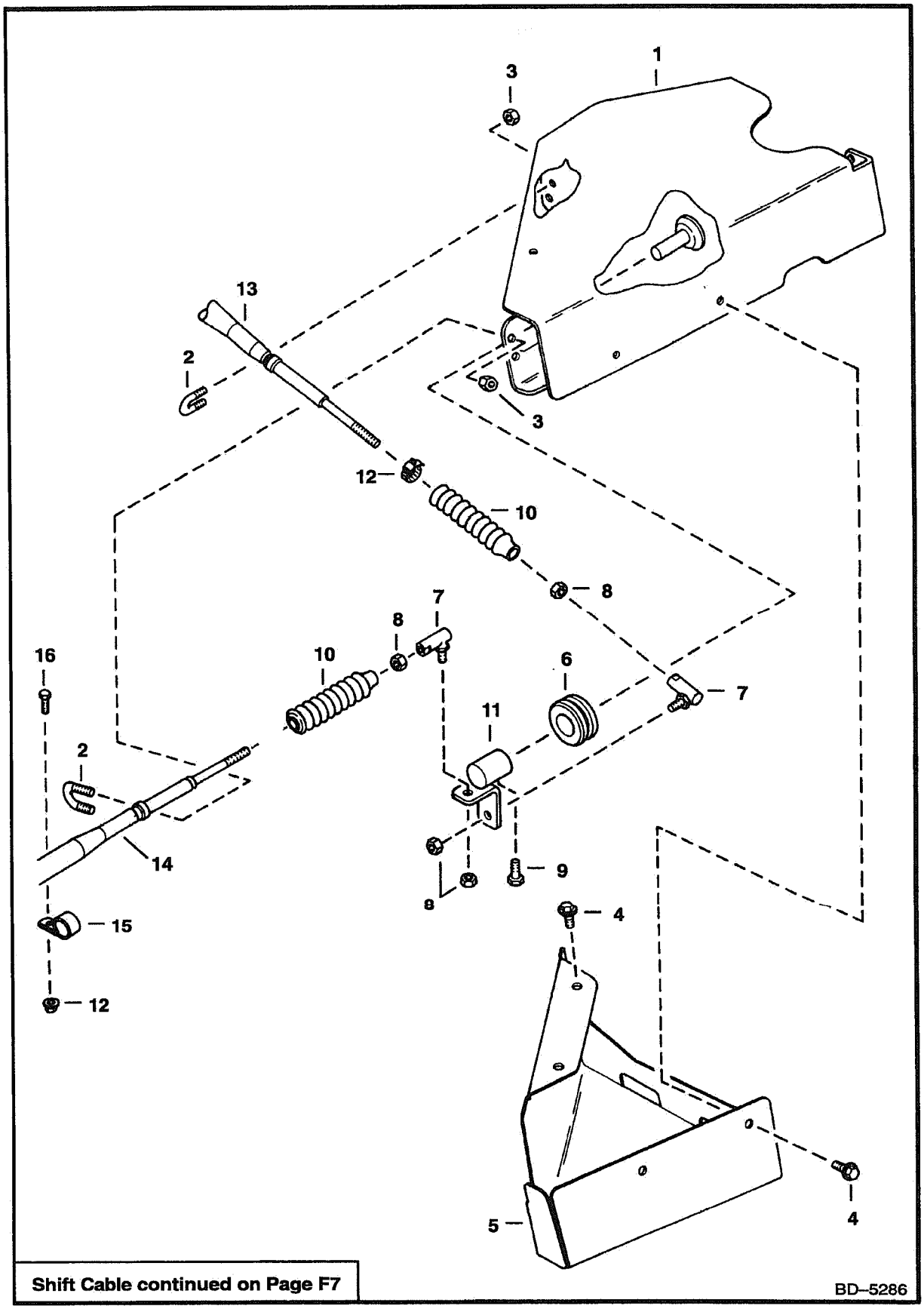
Shift Cable continued on Page F9

BD–5287

SHIFT CABLE ASSEMBLY (Cont'd)
(DRIVE TRAIN)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	29CM–1025	BOLT			7
2	42DM–10	NUT			7
3	1CM–516	BOLT			12
4	39DM–5	NUT			12
5	6627168	PANEL	Was 6627144 [C]		1
6	6627330	COVER	Dash		1
7	6627331	COVER	Dash		1
8	6532127	BOOT	Ring Assembly		1
9	6627340	DECAL			1
10	6646380	KNOB			1
11	32DM–100	NUT			1
12	6664296	SPRING			2
13	6627315	KNOB	Lift		1
14	6627080	LEVER	Upper		1
15	6627166	LEVER	Lower		1
16	1CM–860	BOLT			1
17	6643375	BUSHING			4
18	6618669	TUBE			1
19	42DM–8	NUT			1
20	6618961	U–BOLT			4
21	6627162	BRACKET			1
22	17EM–100	WASHER			3
23	85D–5	NUT			8
24	62D–5	NUT			8
25	13JM–25032	PIN	Cotter		1
26	19DM–10	NUT			1
27	6512356	END ROD	End – Was 6651231 [A]		4
28	6664294	SEAL	Umbrella		1
29	6664417	CABLE	Shift – 84" (2133,6mm) Long W/Ref. 28, and Ref ,10 Page F16		1
30	6664416	CABLE	Shift – 68" (1727,2mm) Long W/Ref. 10, Page F16		1
31	6630043	GROMMET	Rubber		2
32	6589675	SCREW	Was 6587499 [B]		5
33	6627169	COVER			1
34	6627078	BLOCK			1
35	6627178	PLATE	Cover		1
36	17C–512	BOLT			2
37	61D–5	NUT			2

SHIFT CABLE ASSEMBLY (Cont'd)
(DRIVE TRAIN)

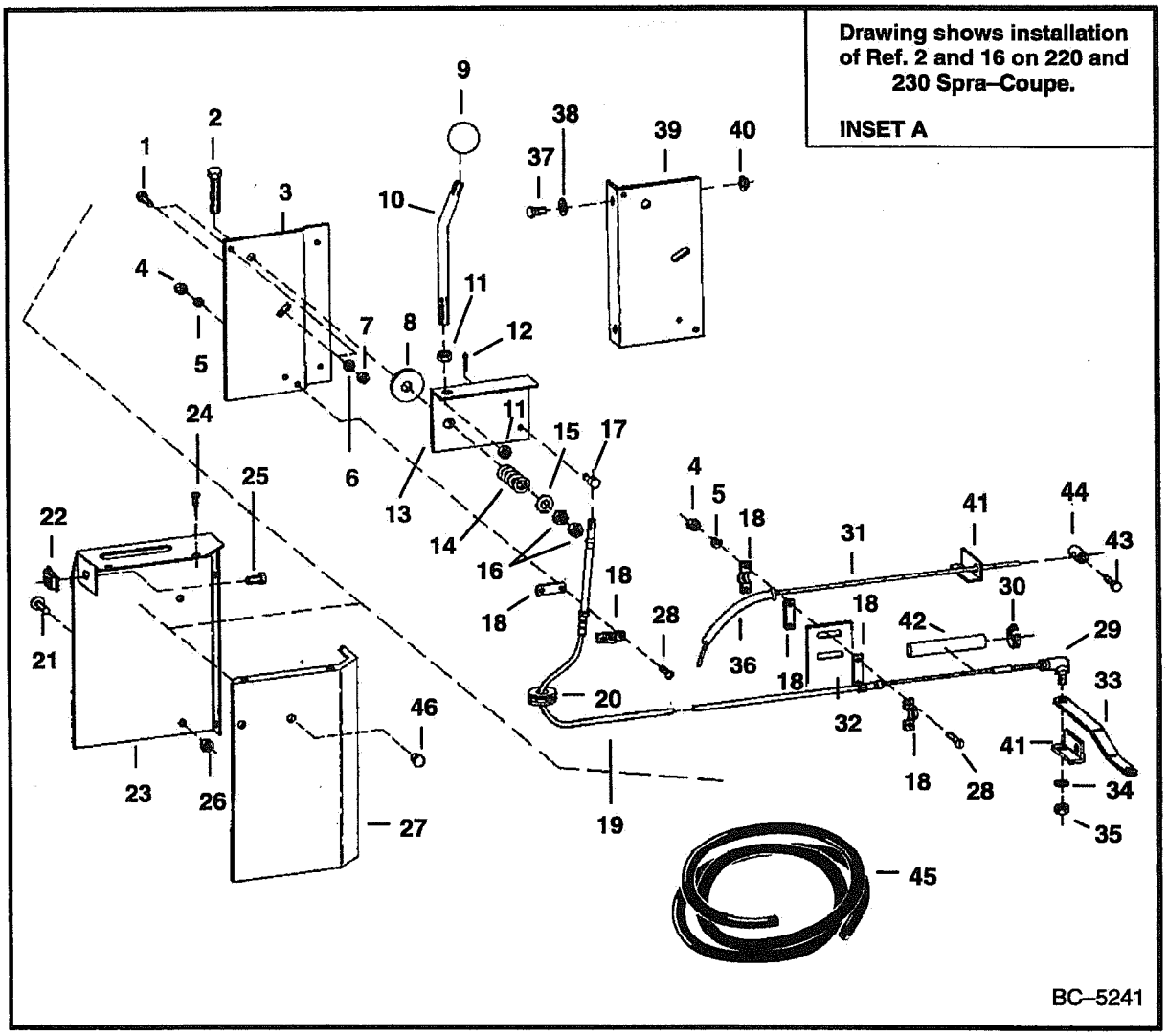


Shift Cable continued on Page F7

BD–5286

SHIFT CABLE ASSEMBLY (Cont'd)
(DRIVE TRAIN)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6627012	BRACKET			1
2	6618961	U-BOLT			4
3	85D-5	NUT			8
4	26GM-10020	BOLT	Was 29CM-816 [A]		4
5	6627440	COVER	Bottom		1
6	731972	GROMMET	Rubber		1
7	6512356	END ROD	End – Was6651231 [A]		4
8	62D-5	NUT			10
9	6511008	SCREW	Set		1
10	6664295	BOOT	Rubber		2
11	6627011	LEVER			1
12	42DM-10	NUT			7
13	6664417	CABLE	Shift – 84" (2133,6mm) Long W/Ref. 10, and Ref. 28, Page F14		1
14	6664416	CABLE	Shift – 68" (1727,2mm) Long W/Ref. 10		1
15	30H-38	CLAMP			1
16	29CM-1025	BOLT			7



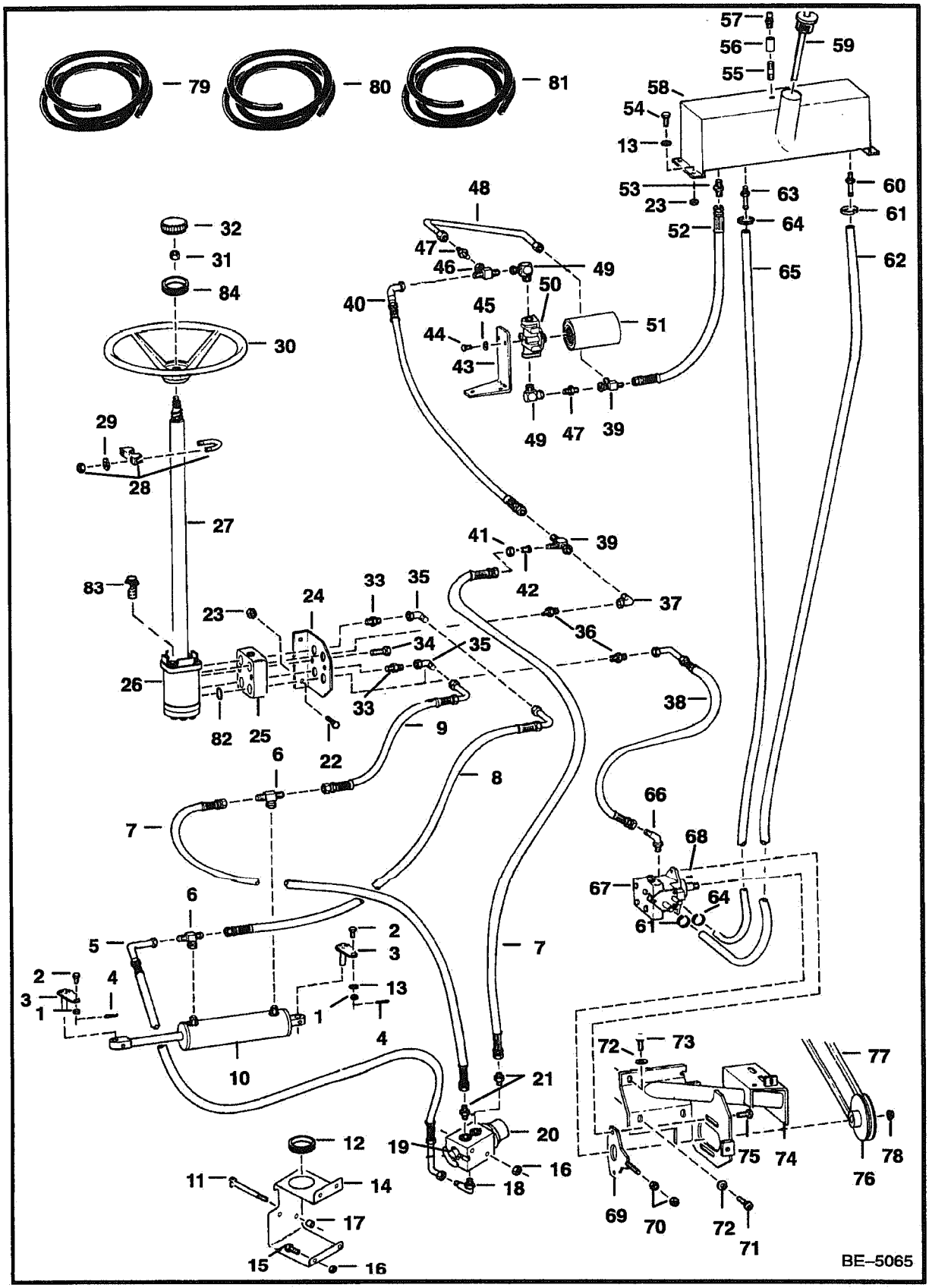
HAND THROTTLE (DRIVE TRAIN)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	7C–512	BOLT			1
2	6526846	BOLT			1
3	6625124	BRACKET			1
4	12D–10	NUT			4
5	17E–10	WASHER			4
6	25E–15	WASHER			2
7	61D–5	NUT			2
8	6627596	WASHER	Friction – Was 6562127 [A]		1
9	6631564	KNOB			1
10	6624494	LEVER	Throttle		1
11	6512053	NUT			2
12	1F–308	COTTER PIN			1
13	6624488	BRACKET			1
14	6562126	SPRING			1
15	27E–6	WASHER	Plain Hardened		1

HAND THROTTLE (Cont'd)
(DRIVE TRAIN)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
16	61D–6	NUT			2
17	6624492	PIVOT			1
18	6630399	CLAMP & SHIM			2
19	6625226	CABLE	Throttle- 135.50" (3441,7mm)long		1
20	731972	GROMMET			1
21	17C–512	BOLT			2
22	6616610	NUT	Center Bearing		1
23	6625123	COVER	Top		1
24	6527296	SCREW			4
25	17C–510	BOLT			1
26	85D–5	NUT			2
27	6625122	COVER	Side		1
28	45G–1012	BOLT			4
29	6630575	JOINT	Ball		1
30	6515575	HOSE CLAMP			1
31	6625452	CABLE	Accelerator – See L20, Ref. . 26		1
32	6625266	MOUNT	Cable		1
33	6630895	LEVER	Throttle		1
34	25E–11	WASHER			1
35	86D–4	NUT			1
36	6625451	TUBE	Guide		1
37	17C–408	BOLT			2
38	25E–13	WASHER			2
39	6624489	BRACKET			1
40	83D–4	NUT			2
41	6624959	BRACKET	Throttle		1
42	NAP	HOSE	3.5" (88,9mm)Long–Order Ref.45		1
43	6512952	SCREW			1
44	6510736	SLEEVE			1
45	6577821	HOSE – 1/4" ID	Bulk – Sold Per Foot		x
46	6648349	PLUG			2

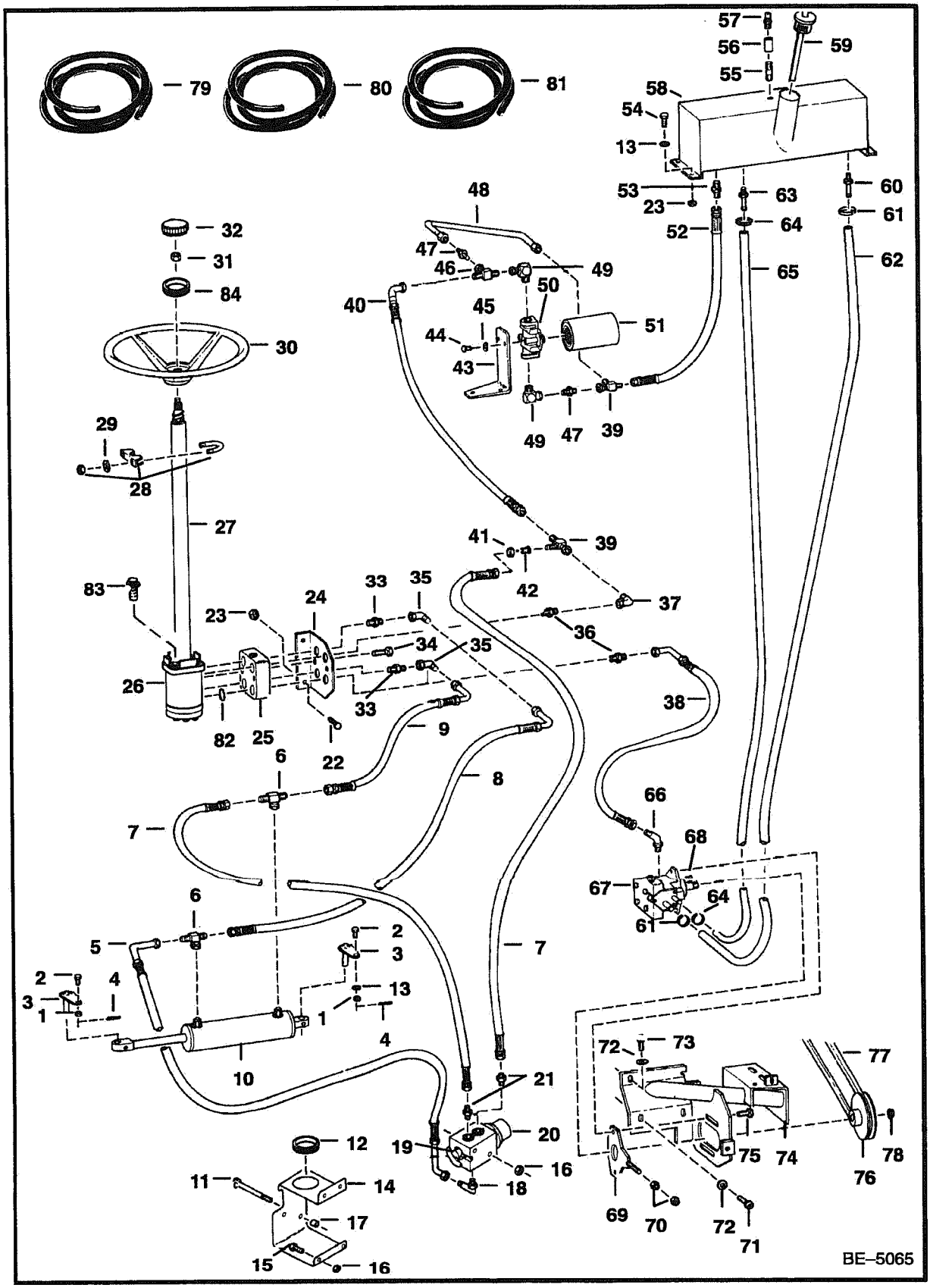
POWER STEERING SYSTEM – MODEL 220
S/N 208912514 & Below – S/N 209211060 & Below
(HYDRAULIC SYSTEM)



POWER STEERING SYSTEM – MODEL 220 (Cont'd)
S/N 208912514 & Below – S/N 209211060 & Below
(HYDRAULIC SYSTEM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	4D–6	NUT	Hex Slotted		2
2	6584744	BOLT			2
3	6617849	PIN			2
4	1F–416	COTTER PIN			2
5	6618090	HOSE	Hydraulic – 26.25"(666,75mm) Long		1
6	14K–5	TEE			2
7	6618091	HOSE	Hydraulic – 26"(660,4mm) Long		2
8	6617936	HOSE	Hydraulic – 26.80"(680,72mm) Long		1
9	6618092	HOSE	Hydraulic – 16.75"(425,45mm) Long		1
10		CYLINDER	Power Steering – See Page H6		1
11	17C–556	BOLT			2
12	NAP	RUBBER STRIP	12"(308,4mm) Long – Order Ref. 79		1
13	25E–18	WASHER			6
14	6618073	BRACKET			1
15	17C–512	BOLT			5
16	85D–5	NUT			7
17	6584605	BUSHING			2
18	17K–3	ELBOW			1
19	6654027	HANDLE			1
20		VALVE	Assy. – Tow – See Page I3		1
21	15K–3	CONNECTOR			2
22	17C–616	BOLT			2
23	85D–6	NUT			6
24	6617987	BRACKET			1
25	6652947	RELIEF VALVE	W/O–Rings Ref. 82, W/Bolts Ref. 34		1
26		CONTROL UNIT	Less Ref. 27 – See Page H24		1
27	6649821	COLUMN	Less Ref. 26		1
28	710706	CLAMP	Full Circle W/Nuts		1
29	25E–16	WASHER			1
30	1790800	WHEEL	Used with Ref. 32 – 6623843		1
	6667358	WHEEL	Also order if needed Ref. 32, 84		1
31	664880	NUT			1
32	6623843	CAP	Used with Ref. 30 – 1790800		1
	6667357	CAP	Used with Ref. 30 – 6667358		1
33	743108	CONNECTOR			2
34	18C–640	BOLT			2
35	11K–5	ELBOW			2
36	15K–6	CONNECTOR			2
37	11K–6	ELBOW			1
38	6618093	HOSE	Hydraulic – 121" (3073,4mm) Long		1
39	13K–6	TEE			2

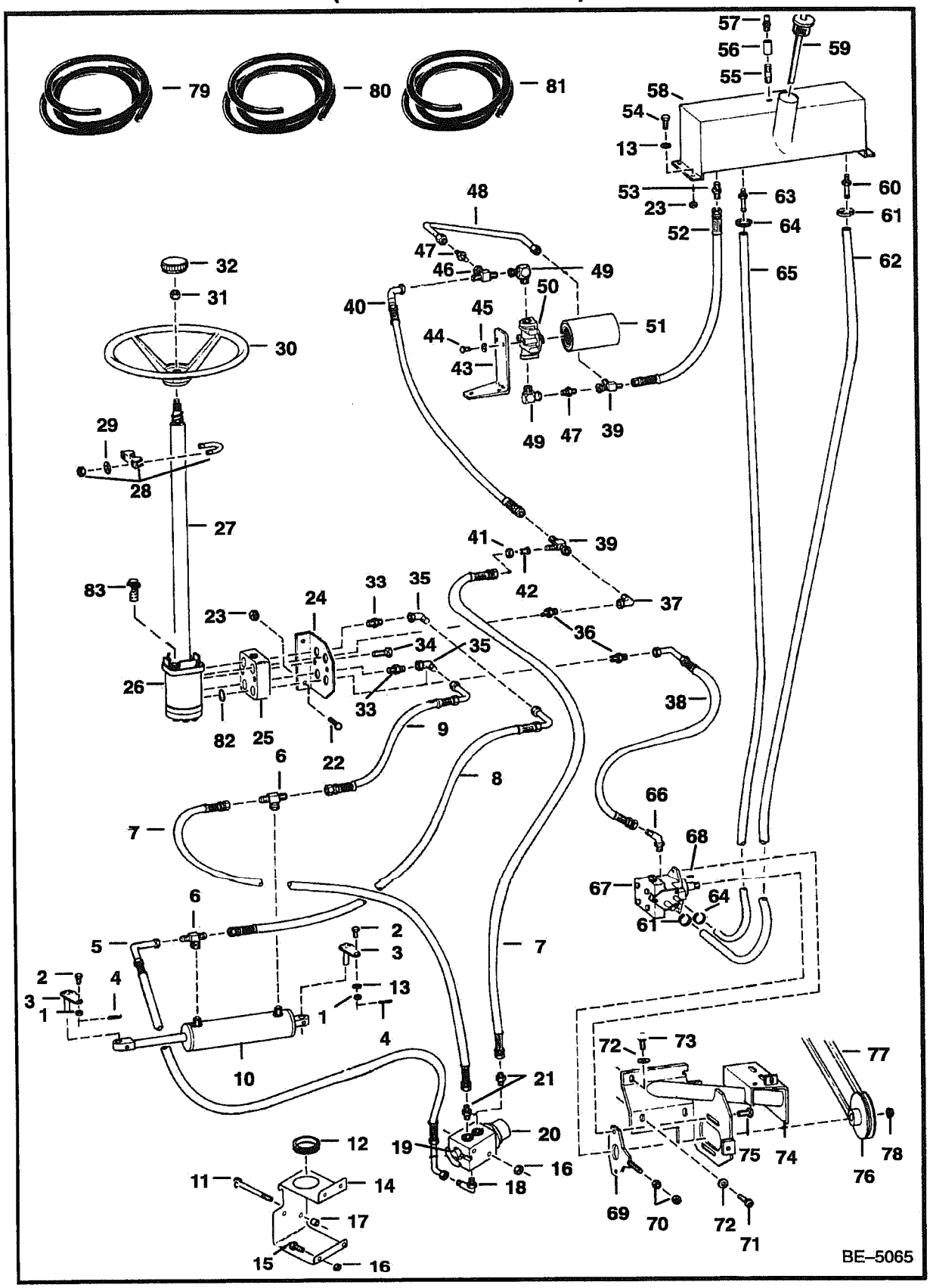
POWER STEERING SYSTEM – MODEL 220 (Cont'd)
S/N 208912514 & Below – S/N 209211060 & Below
(HYDRAULIC SYSTEM)



POWER STEERING SYSTEM – MODEL 220 (Cont'd)
S/N 208912514 & Below – S/N 209211060 & Below
(HYDRAULIC SYSTEM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
40	6618095	HOSE	Hydraulic – 16.25"(412,75mm) Long		1
41	80F–6	NUT			1
42	9K–3	ADAPTER			1
43	6617888	BRACKET			1
44	17C–410	BOLT			2
45	4E–4	WASHER			2
46	14K–6	TEE			1
47	6646578	CHECK VALVE			2
48	6618017	TUBELINE			1
49	6652053	ADAPTER	Swivel		2
50	6634541	FILTER	Assy. – Hydraulic (W/Ref. 51)		1
51	6634505	FILTER			1
52	6617937	HOSE	Hydraulic – 162"(4114,8mm) Long		1
53	89F–6	FITTING			1
54	17C–612	BOLT			6
55	5K–316	NIPPLE			1
56	75F–3	COUPLING			1
57	6648944	VENT	Filter		1
58	6652052	TANK			1
59	6653478	DIPSTICK			1
60	666867	CONNECTOR			1
61	44H–12	CLAMP	Was 42H–12		2
62	NAP	HOSE	48"(7219,2mm) Long – Order Ref. 80		1
63	1314885	FITTING			1
64	42H–6	HOSE CLAMP			2
65	NAP	HOSE	56" (6422,4mm) Long – Order Ref. 61		1
66	18K–6	ELBOW			1
67		PUMP	Power Steering – W/Key Ref. 68 See Page H4		1
68	5J–605	KEY	Woodruff		1
69	6617922	TIGHTENER			1
70	61D–6	NUT			2
71	6651853	BOLT			3
72	6529473	BUSHING			4
73	6651852	BOLT			1
74	6617890	MOUNT	Pump		1
75	35C–616	BOLT			2
76	6617893	PULLEY			1
77	6653222	BELT	Powered Steering Pump		1
78	56D–8	NUT			1
79	6620417	RUBBER STRIP	Bulk – Sold Per Foot		x
80	6618281	HOSE	Bulk – Sold Per Foot		x
81	6577822	HOSE	Bulk – Sold Per Foot		x
82	6633866	O–RING			4

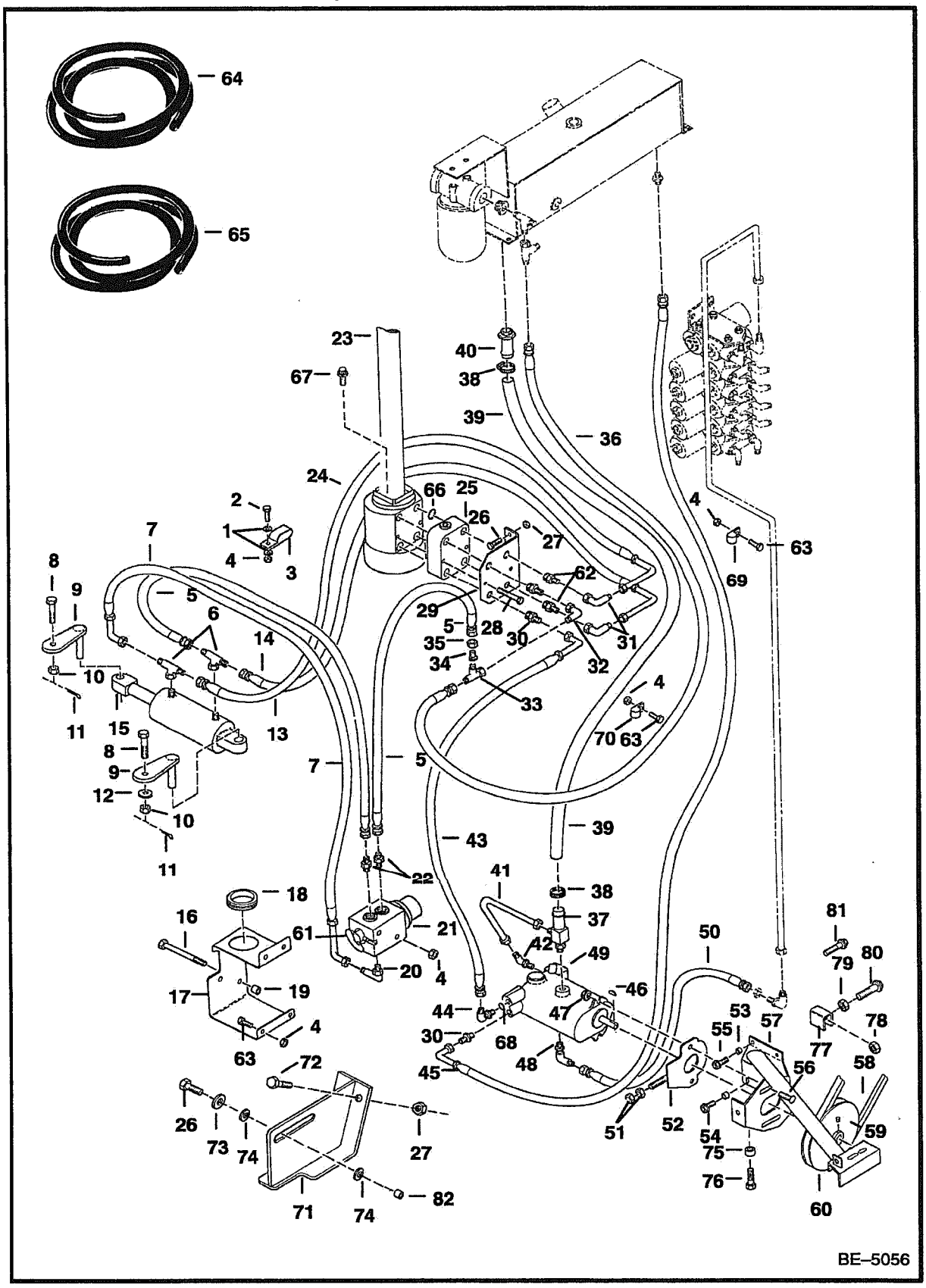
POWER STEERING SYSTEM – MODEL 220 (Cont'd)
S/N 208912514 & Below – S/N 209211060 & Below
(HYDRAULIC SYSTEM)



POWER STEERING SYSTEM (Cont'd)
S/N 208912514 & Below – S/N 209211060 & Below
(HYDRAULIC SYSTEM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
83	6662244	SCREW			2
84	6667359	SPACER	Used only with Ref. 30 – 6667358		1

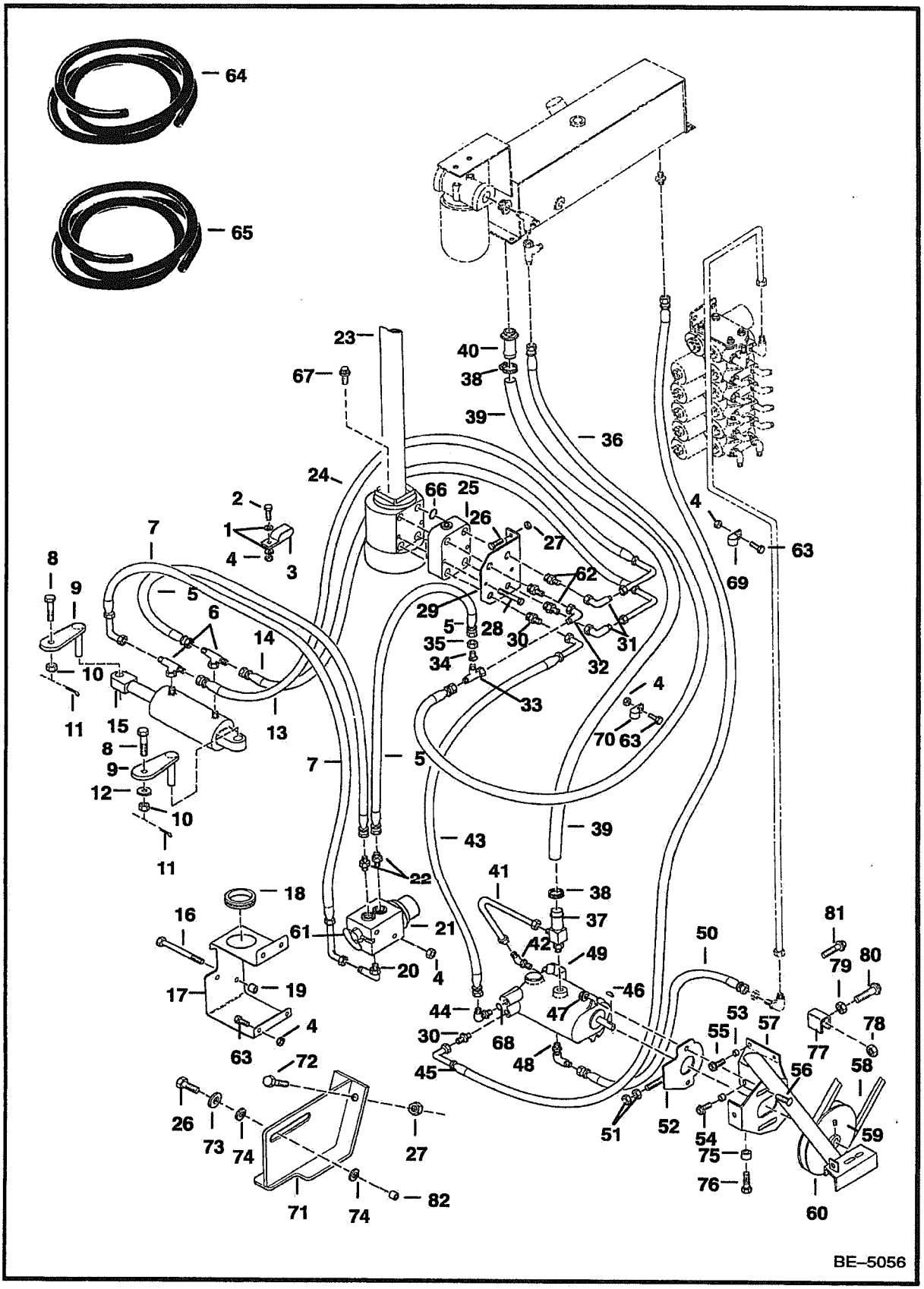
POWER STEERING SYSTEM – MODEL 220
S/N 208912515 & Above – S/N 209211061 & Above
(HYDRAULIC SYSTEM)



POWER STEERING SYSTEM – MODEL 220 (Cont'd)
S/N 208912515 & Above– S/N 209211061 & Above
(HYDRAULIC SYSTEM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	25E–16	WASHER			4
2	17C–516	BOLT			1
3	31H–26	CLIP			2
4	85D–5	NUT			12
5	6618091	HOSE	Hydraulic – 26" (660,4mm) Long		2
6	14K–5	TEE			2
7	6618090	HOSE	Hydraulic – 26.25" (666,75mm) Long		1
8	6584744	BOLT			2
9	6617849	PIN			2
10	4D–6	NUT			2
11	1F–416	COTTER PIN			2
12	25E–18	WASHER			6
13	6617936	HOSE	Hydraulic – 26.80" (680,72mm) Long		1
14	6618092	HOSE	Hydraulic – 16.75" (425,45mm) Long		1
15		CYLINDER	Power steering – See Page H6		1
16	17C–556	BOLT			2
17	6618073	BRACKET			1
18	NAP	RUBBER STRIP	12" (304,8mm) Long – Order Ref. 64		1
19	6584605	BUSHING			2
20	17K–3	ELBOW			1
21		VALVE	Tow Assy. – See Page I3		1
22	15K–3	CONNECTOR			2
23	6649821	COLUMN	Less Ref. 24		1
24		CONTROL UNIT	Less Ref. 23 – See Page H24		1
25	6652947	RELIEF VALVE	W/O–Rings Ref. 66, W/Bolts Ref. 26		1
26	17C–616	BOLT			4
27	85D–6	NUT			10
28	18C–640	BOLT			2
29	6617987	BRACKET			1
30	15K–6	CONNECTOR			3
31	11K–5	ELBOW			2
32	11K–6	ELBOW			1
33	13K–6	TEE			2
34	9K–3	ADAPTER			1
35	80F–6	NUT			1
36	6617937	HOSE	Hydraulic – 162" (4114,8mm) Long		1
37	6618220	FITTING			1
38	42H–24	HOSE CLAMP			2
39	NAP	HOSE	38" (965,2mm) Long – Order Ref. 65		1
40	667289	FITTING			1
41	6618219	TUBELINE			1

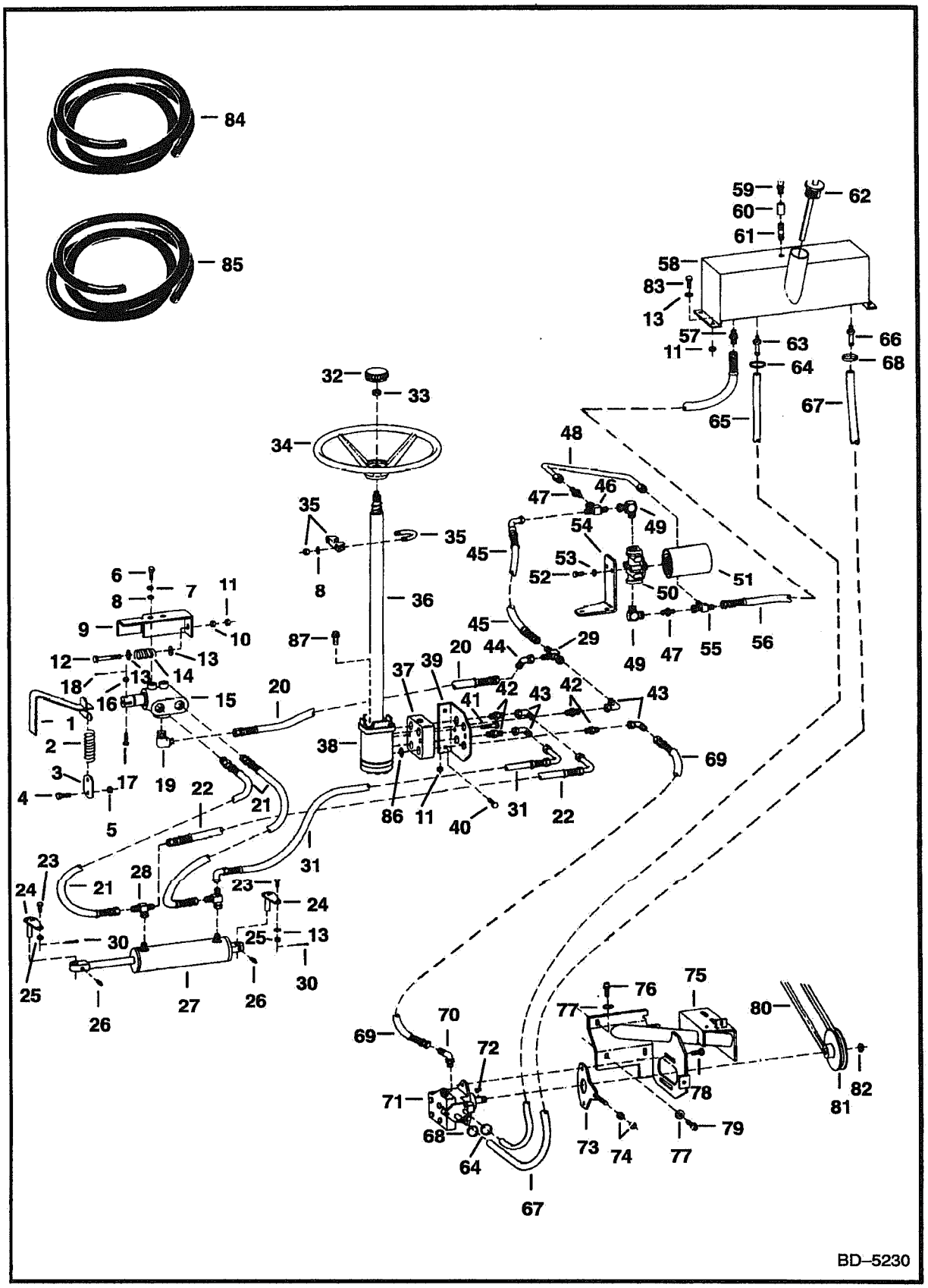
POWER STEERING SYSTEM – MODEL 220 (Cont'd)
S/N 208912515 & Above – S/N 209211061 & Above
(HYDRAULIC SYSTEM)



POWER STEERING SYSTEM – MODEL 220 (Cont'd)
S/N 208912515 & Above – S/N 209211061 & Above
(HYDRAULIC SYSTEM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
42	17K–7	ELBOW			1
43	6618093	HOSE	Hydraulic – 121" (3073,4mm) Long		1
44	672942	ELBOW	W/Ref . 68		1
45	6618216	HOSE	Hydraulic – 60" (1524mm) Long		1
46	6598370	KEY			1
47	83D–6	NUT			2
48	17K–6	ELBOW			2
49		PUMP	Hydraulic – See Page H11		1
50	6618217	HOSE	Hydraulic – 16" (406,4) Long		1
51	61D–6	NUT			2
52	6618101	TIGHTENER	used on old mount pump Ref. 57 – 6618103		1
53	6529473	BUSHING			4
54	6651853	BOLT			3
55	6651852	BOLT			1
56	7C–624	BOLT			2
57	6627370	MOUNT	Pump – Was 6618103 [A]		1
58	6654140	V–BELT			1
59	15G–506	SET SCREW			1
60	6618109	PULLEY	Hydraulic Pump		1
61	6654027	HANDLE			1
62	743108	CONNECTOR			4
63	17C–512	BOLT			10
64	6620417	RUBBER STRIP	Bulk – Sold Per Foot		x
65	1310810	HOSE	Bulk – Sold Per Foot – Was 799136 [A]		x
66	6633866	O–RING			4
67	6662244	SCREW			2
68	79K–6	O–RING			1
69	30H–50	CLAMP			2
70	30H–60	CLAMP			1
71	6626409	MOUNT			1
72	17G–20	BOLT			2
73	25E–17	WASHER			1
74	4–E6	WASHER			2
75	6626384	TUBE			1
76	1CM–1035	BOLT			2
77	6597222	STOP	used with Ref. 57 – 6627370		1
78	39DM–10	NUT			1
79	1DM–10	NUT			1
80	4CM–10110	BOLT			1
81	29CM–820	BOLT			2
82	6625282	BUSHING			1

POWER STEERING SYSTEM – MODEL 230
S/N 209011100 & Below – W/O Field Retrofit
(HYDRAULIC SYSTEM)

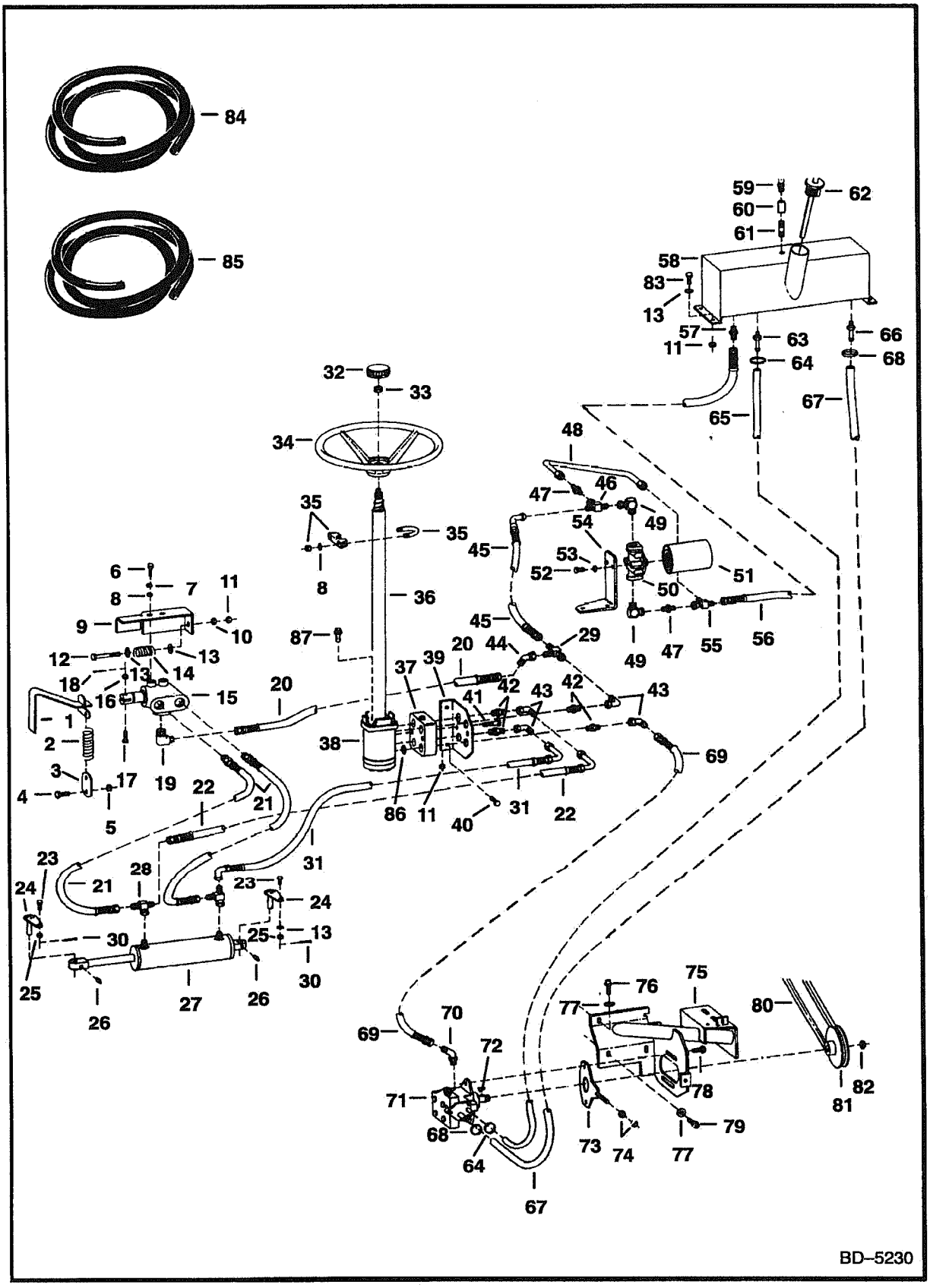


BD–5230

POWER STEERING SYSTEM – MODEL 230 (Cont'd)
S/N 209011100 & Below – W/O Field Retrofit
(HYDRAULIC SYSTEM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6617710	HANDLE			1
2	6610077	SPRING			1
3	6617711	MOUNT			1
4	17C–516	BOLT			1
5	85D–5	NUT			1
6	17C–512	BOLT			2
7	4E–5	WASHER			2
8	25E–15	WASHER			4
9	6617709	BRACKET			1
10	62D–6	NUT			1
11	85D–6	NUT			6
12	17C–632	BOLT			1
13	25E–18	WASHER			7
14	883081	SPRING			1
15		VALVE	2 Position Float – See Page I6		1
16	85D–4	NUT			1
17	6618037	BOLT			1
18	1F–208	COTTER PIN			1
19	6649957	ELBOW			1
20	6617708	HOSE	Hydraulic – 25" (635mm) Long		1
21	6617707	HOSE	Hydraulic – 21" (533,4mm) Long		2
22	6617936	HOSE	Hydraulic – 26.75"(679,45mm) Long		1
23	6584744	BOLT			1
24	6617849	PIN			2
25	4D–6	NUT			2
26	10H–35	GREASE ZERK			2
27		CYLINDER	Power Steering – See Page H6		1
28	14K–5	TEE			1
29	13K–5	TEE			2
30	1F–416	COTTER PIN			2
31	6617988	HOSE	Hydraulic – 16.50" (419,1mm) Long		1
32	6623843	CAP			1
33	664880	NUT			1
34	1790800	WHEEL			1
35	710706	CLAMP	Full Circle W/Nuts		1
36	6649821	COLUMN	Less Ref. 38		1
37	6652947	RELIEF VALVE	W/O–Rings Ref. 86, W/Bolts Ref.41		1
38		CONTROL UNIT	Less Ref. 36 – See Page H24		1
39	6617987	BRACKET			1
40	17C–616	BOLT			2
41	18C–640	BOLT			2
42	743108	CONNECTOR			4
43	11K–5	ELBOW			4
44	12K–5	ELBOW			1

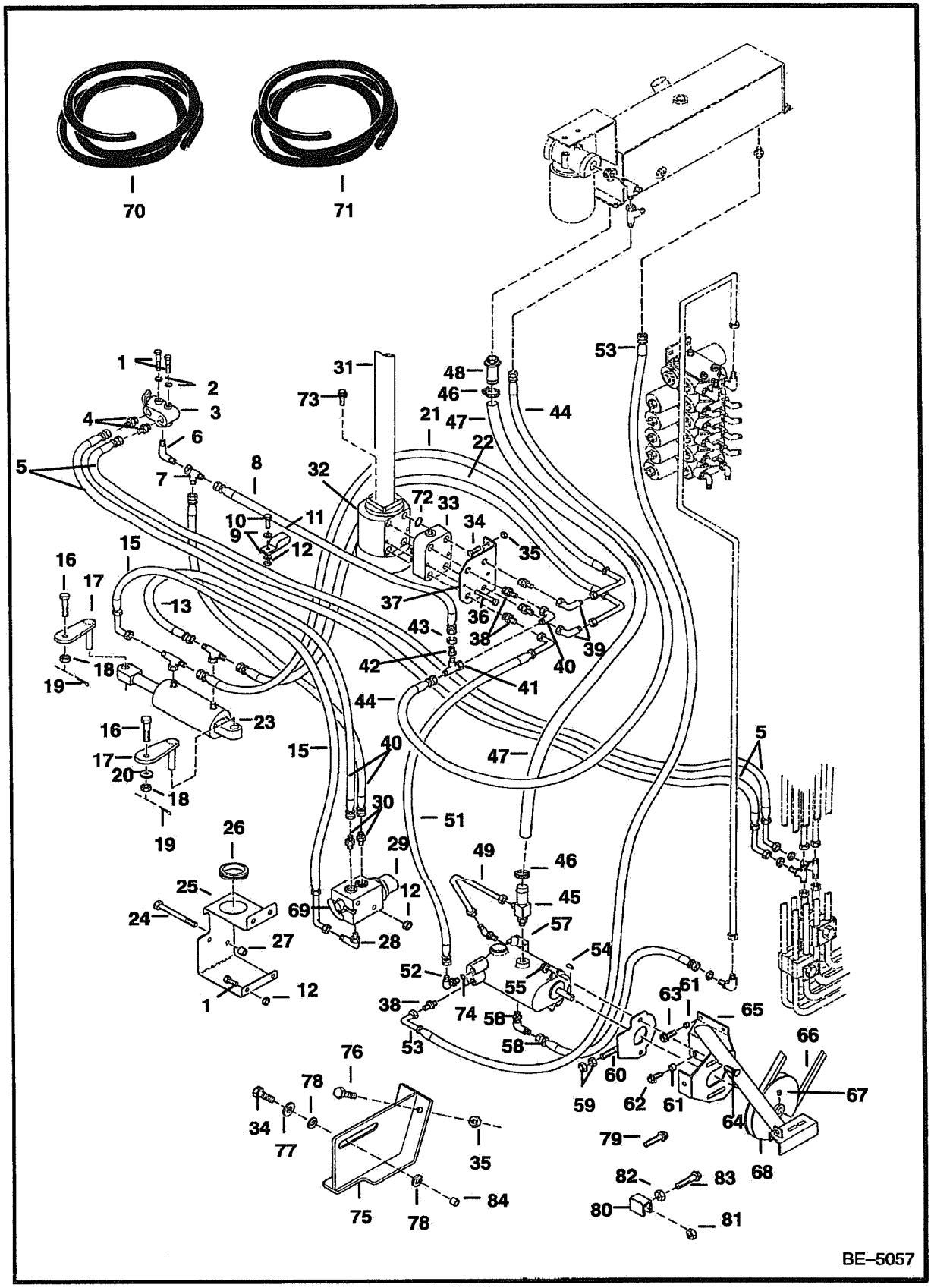
POWER STEERING SYSTEM – MODEL 230 (Cont'd)
S/N 209011100 & Below – W/O Field Retrofit
(HYDRAULIC SYSTEM)



POWER STEERING SYSTEM – MODEL 230 (Cont'd)
S/N 209011100 & Below – W/O Field Retrofit
(HYDRAULIC SYSTEM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
45	6617880	HOSE	Hydraulic – 19.50" (495,3mm) Long		1
46	14K–6	TEE			1
47	6646578	CHECK VALVE			2
48	6618017	TUBELINE			1
49	6652053	ADAPTER			2
50	6655461	FILTER	Assy. – W/Ref. 51		1
51	6515541	FILTER			1
52	17C–410	BOLT			2
53	4E–4	WASHER			2
54	6617888	BRACKET			1
55	13K–6	TEE			1
56	6617937	HOSE	Hydraulic – 161.50" (4102,1mm) Long		1
57	89F–6	FITTING			1
58	6652052	TANK			1
59	6648944	VENT			1
60	75F–3	COUPLING			1
61	5K–316	NIPPLE			1
62	6653478	DIPSTICK			1
63	1314885	FITTING			1
64	42H–6	HOSE CLAMP			2
65	NAP	HOSE	56" (1422,4mm) Long – Order Ref. 84		1
66	666867	CONNECTOR			1
67	NAP	HOSE	48" (1219,2mm) Long – Order Ref. 85		1
68	44H–12	CLAMP	Was 42H–12		2
69	6617938	HOSE	Hydraulic-121" (3073,4mm) Long		1
70	18K–6	ELBOW			1
71		PUMP	Power Steering – W/Key Ref. 72 – See Page H4		1
72	5J–605	KEY	Woodruff		1
73	6617922	TIGHTENER			1
74	61D–6	NUT			2
75	6617890	MOUNT	Pump		1
76	6651852	BOLT			1
77	6529473	BUSHING			4
78	35C–616	BOLT			2
79	6651853	BOLT			3
80	6653222	BELT	Power Steering		1
81	6617893	PULLEY			1
82	56D–8	NUT			1
83	17C–612	BOLT			4
84	6577822	HOSE	Bulk – Sold Per Foot		x
85	6617713	HOSE	Bulk – Sold Per Foot		x
86	6633866	O–RING			4
87	6662244	SCREW			2

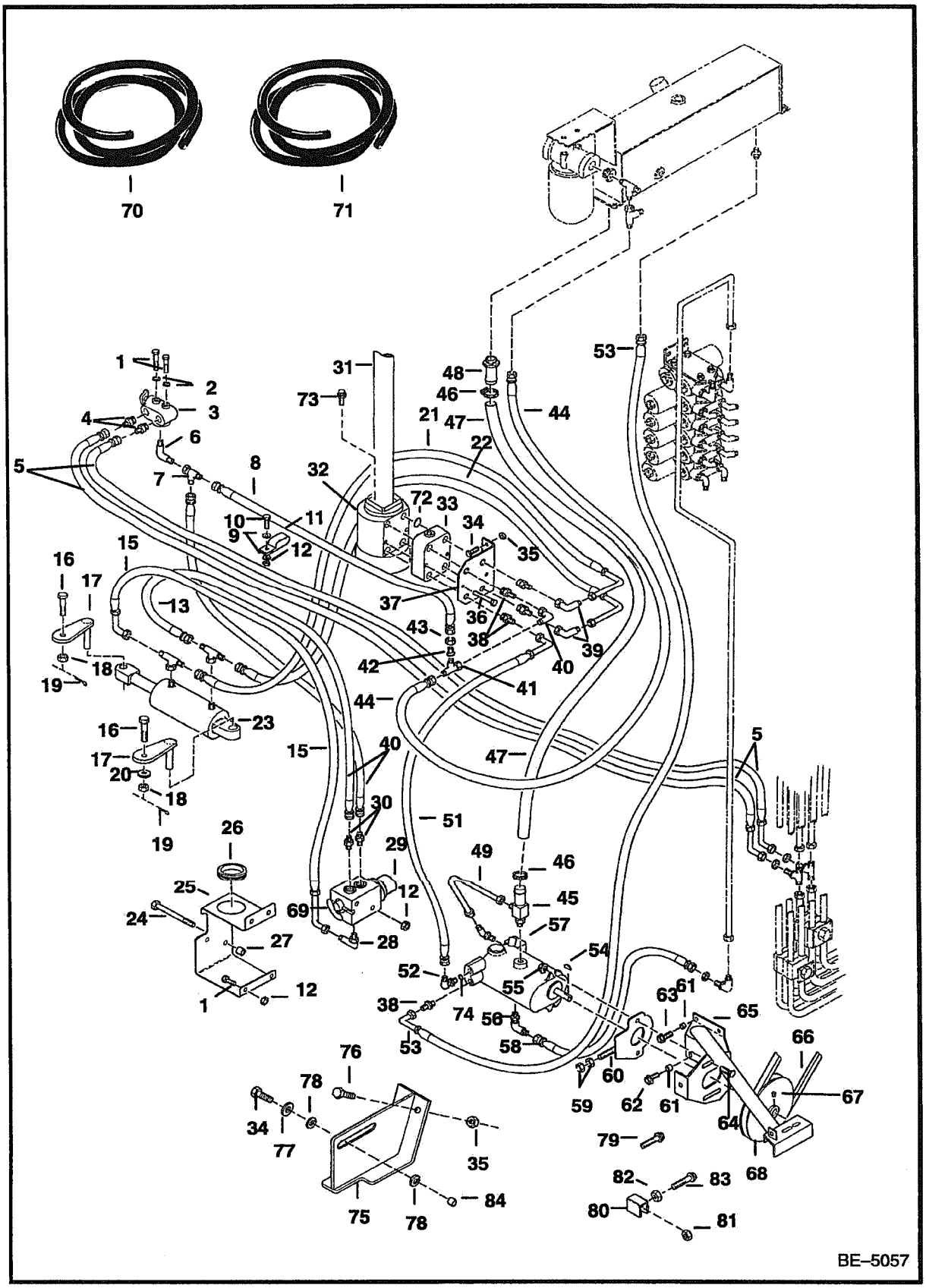
POWER STEERING SYSTEM – MODEL 230
S/N 209011101 & Above
(HYDRAULIC SYSTEM)



POWER STEERING SYSTEM – MODEL 230 (Cont'd)
S/N 209011101 & Above
(HYDRAULIC SYSTEM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	17C–512	BOLT			12
2	4E–5	WASHER			4
3		VALVE	Float – See Page I5 & I6		1
4	743108	CONNECTOR			4
5	6618239	HOSE	Hydraulic – 175" (4445mm) Long		2
6	1300059	ELBOW			1
7	13K–5	TEE			1
8	6618197	HOSE	Hydraulic – 28.40" (721,36mm) Long		2
9	25E–16	WASHER			4
10	17C–516	BOLT			1
11	31H–26	CLIP			2
12	85D–5	NUT			12
13	6618091	HOSE	Hydraulic – 26" (660,4mm) Long		2
14	14K–5	TEE			2
15	6618090	HOSE	Hydraulic – 26.25" (666,75mm) Long		1
16	6584744	BOLT			2
17	6617849	PIN			2
18	4D–6	NUT			2
19	1F–416	COTTER PIN			2
20	25E–18	WASHER			6
21	6617936	HOSE	Hydraulic – 26.80" (680,72mm) Long		1
22	6618092	HOSE	Hydraulic – 16.75" (425,45mm) Long		1
23		CYLINDER	Steering – See Page H6		1
24	17C–556	BOLT			2
25	6618073	BRACKET			1
26	NAP	RUBBER STRIP	12" (304,8mm) Long – Order Ref. 70		1
27	6584605	BUSHING			2
28	17K–3	ELBOW			1
29		VALVE	Tow Assy. – See Page I3		1
30	15K–3	CONNECTOR			2
31	6649821	COLUMN	Less Ref. 32		1
32		CONTROL UNIT	Less Ref. 31 – See Page I2		1
33	6652947	RELIEF VALVE	W/O–Rings Ref. 72, W/Bolts Ref. 36		1
34	17C–616	BOLT			3
35	85D–6	NUT			8
36	18C–640	BOLT			2
37	6617987	BRACKET			1
38	15K–6	CONNECTOR			3
39	11K–5	ELBOW			2
40	11K–6	ELBOW			1
41	13K–6	TEE			2
42	9K–3	ADAPTER			1

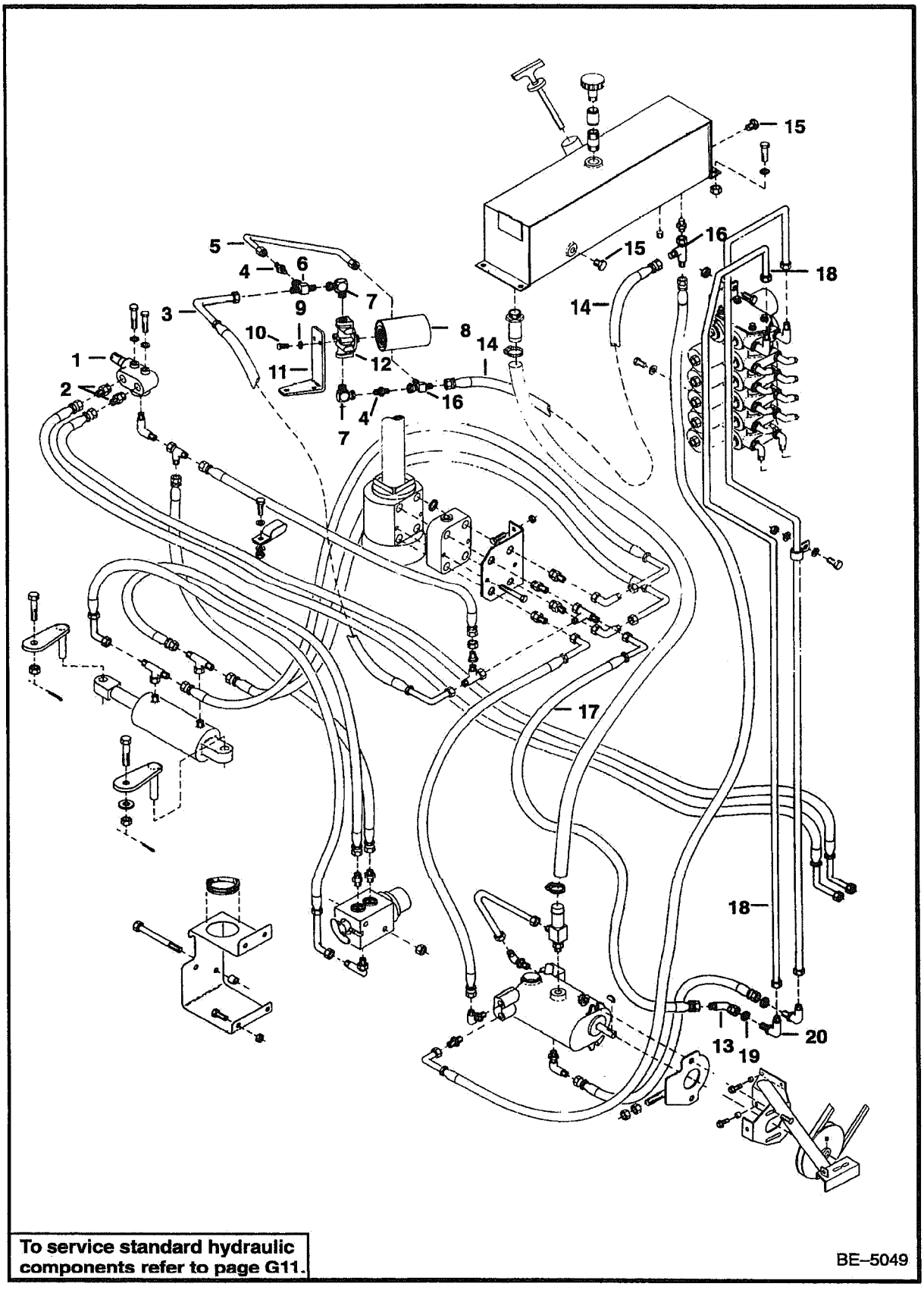
POWER STEERING SYSTEM – MODEL 230 (Cont'd)
S/N 209011101 & Above
(HYDRAULIC SYSTEM)



POWER STEERING SYSTEM – MODEL 230 (Cont'd)
S/N 209011101 & Above
(HYDRAULIC SYSTEM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
43	80F–6	NUT			1
44	6617937	HOSE	Hydraulic – 162" (4114,8mm) Long		1
45	6618220	FITTING			1
46	42H–24	HOSE CLAMP			2
47	NAP	HOSE	38" (965,2mm) Long – Order Ref. 71		1
48	667289	FITTING			1
49	6618219	TUBELINE			1
50	17K–7	ELBOW			1
51	6618093	HOSE	Hydraulic – 121" (3073,4mm) Long		1
52	672942	ELBOW	W/Ref. 74		1
53	6618216	HOSE	Hydraulic – 60" (1524mm) Long		1
54	6598370	KEY			1
55	83D–6	NUT			2
56	17K–6	ELBOW			2
57		PUMP	Hydraulic – See Page H11		1
58	6618217	HOSE	Hydraulic – 16" (406,4mm) Long		1
59	61D–6	NUT			2
60	6618101	TIGHTENER	used on old mount pump Ref. 65 – 6618103		1
61	6529473	BUSHING			4
62	6651853	BOLT			3
63	6651852	BOLT			1
64	7C–624	BOLT			2
65	6627370	MOUNT	Pump – Was 6618103[A]		1
66	6654140	V–BELT	Power Steering		1
67	15G–506	SET SCREW			1
68	6618109	PULLEY	Hydraulic Pump		1
69	6654027	HANDLE			1
70	6620417	RUBBER STRIP	Bulk – Sold Per Foot		x
71	1310810	HOSE	Bulk – Sold Per Foot – Was 799136 [A]		x
72	6633866	O–RING			4
73	6662244	SCREW			2
74	79K–6	O–RING			1
75	6626409	MOUNT			1
76	17C–620	BOLT			2
77	25E–17	WASHER			1
78	4E–6	WASHER			2
79	29CM–820	BOLT			2
80	6597222	STOP	used with Ref. 65 – 6627370		1
81	39DM–10	NUT			1
82	1DM–10	NUT			1
83	4CM–10110	BOLT			1
84	6625282	BUSHING			1

VALVE, FITTINGS, TUBELINES – MODEL 230
S/N 209011100 & Below – W/Field Retrofit
(HYDRAULIC SYSTEM)



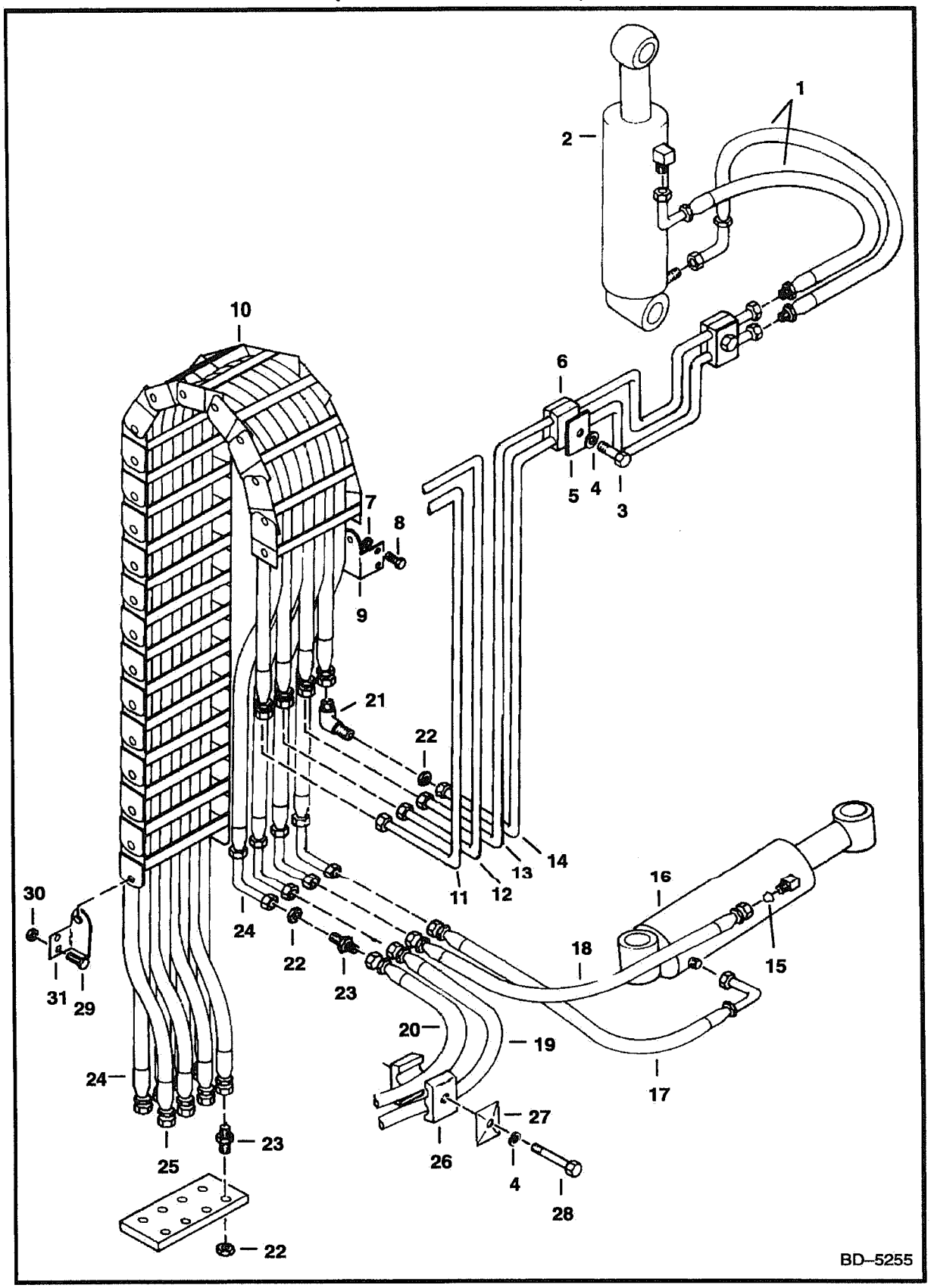
To service standard hydraulic components refer to page G11.

BE–5049

VALVE, FITTINGS, TUBELINES – MODEL 230 (Cont'd)
S/N 209011100 & Below – W/Field Retrofit
(HYDRAULIC SYSTEM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1		VALVE	2 Position Float – See Page I6		1
2	6634967	FITTING			2
3	6618095	HOSE	Hydraulic – 16.20" (411,48mm)		
			Long		1
4	6646578	CHECK VALVE			2
5	6618017	TUBELINE			1
6	14K–6	TEE			1
7	6652053	ADAPTER			2
8	6515541	FILTER	Hydraulic		1
9	4E–4	WASHER			2
10	17C–410	BOLT			2
11	6617888	BRACKET			1
12	6655461	FILTER	Assy. – W/Ref. 8		1
13	12K–6	ELBOW			1
14	6617937	HOSE	Hydraulic – 16.50" (419,1mm)		
			Long		1
15	24K–6	PLUG	Hydraulic O–Ring Boss		2
16	13K–6	TEE			3
17	6618280	HOSE	Hydraulic – 132" (3352,8mm)		
			Long		1
18	6618265	TUBELINE			1
19	86F–6	NUT			1
20	88F–6	ELBOW			1

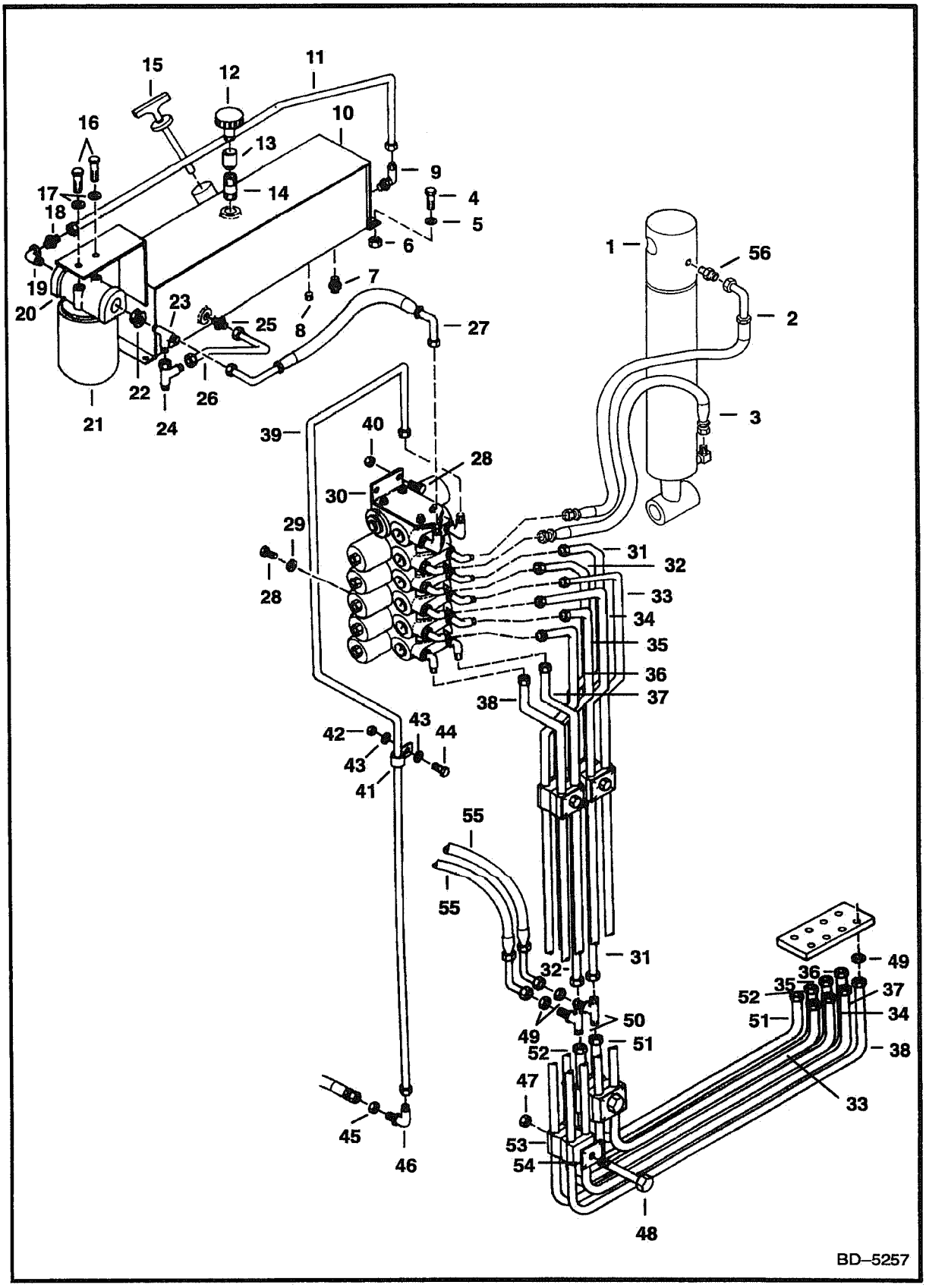
CYLINDERS, TUBES, HOSES & TUBELINES – MODEL 230
S/N 209011101 & Above
(HYDRAULIC SYSTEM)



CYLINDERS, TUBES, HOSES, TUBELINES – MODEL 230 (Cont'd)
S/N 209011101 & Above
(HYDRAULIC SYSTEM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6626580	HOSE	Tip Lift Left and Right – Was 6618200		4
2		CYLINDER	Tip Lift Left and Right – See Page H9		2
3	17C–420	BOLT			5
4	4E–4	WASHER			5
5	6535422	WASHER			9
6	6578870	CLAMP	Tubeline		26
7	85D–4	NUT			8
8	17C–412	BOLT			4
9	6654901	MOUNT	Upper		2
10	6654900	CARRIER	Hose		1
11	6618170	TUBELINE	Left Boom Tip Lift – Base End of Cylinder		1
12	6618169	TUBELINE	Left Boom Tip Lift – Rod End of Cylinder		1
13	6618171	TUBELINE	Right Boom Tip Lift – Rod End of Cylinder		1
14	6618172	TUBELINE	Right Boom Tip Lift – Base End of Cylinder		1
15	6626591	SEAL	Bonnet – (.025 – .65)		2
16		CYLINDER	Boom Fold – See Pages H7, H8		2
17	6618195	HOSE	Right Boom Fold – Base End of Cylinder		1
18	6530892	HOSE	Right Boom Fold – Rod End of Cylinder		1
19	6618196	HOSE	Left Boom Fold – Base End of Cylinder		1
20	6618194	HOSE	Left Boom Fold – Rod End of Cylinder		1
21	88F–5	ELBOW			4
22	86F–5	NUT			18
23	45K–5	UNION			12
24	6618198	HOSE	Boom Fold – 49.25" (1250,95mm) Long		4
25	6618199	HOSE	Boom Tip Lift – 47.60" (1209,04mm) Long		4
26	6701892	CLAMP	Was 6577696 [A]		2
27	6652521	PLATE			1
28	17C–524	BOLT			1
29	17C–408	BOLT			4
30	83D–4	NUT			4
31	6654902	MOUNT	Lower		2

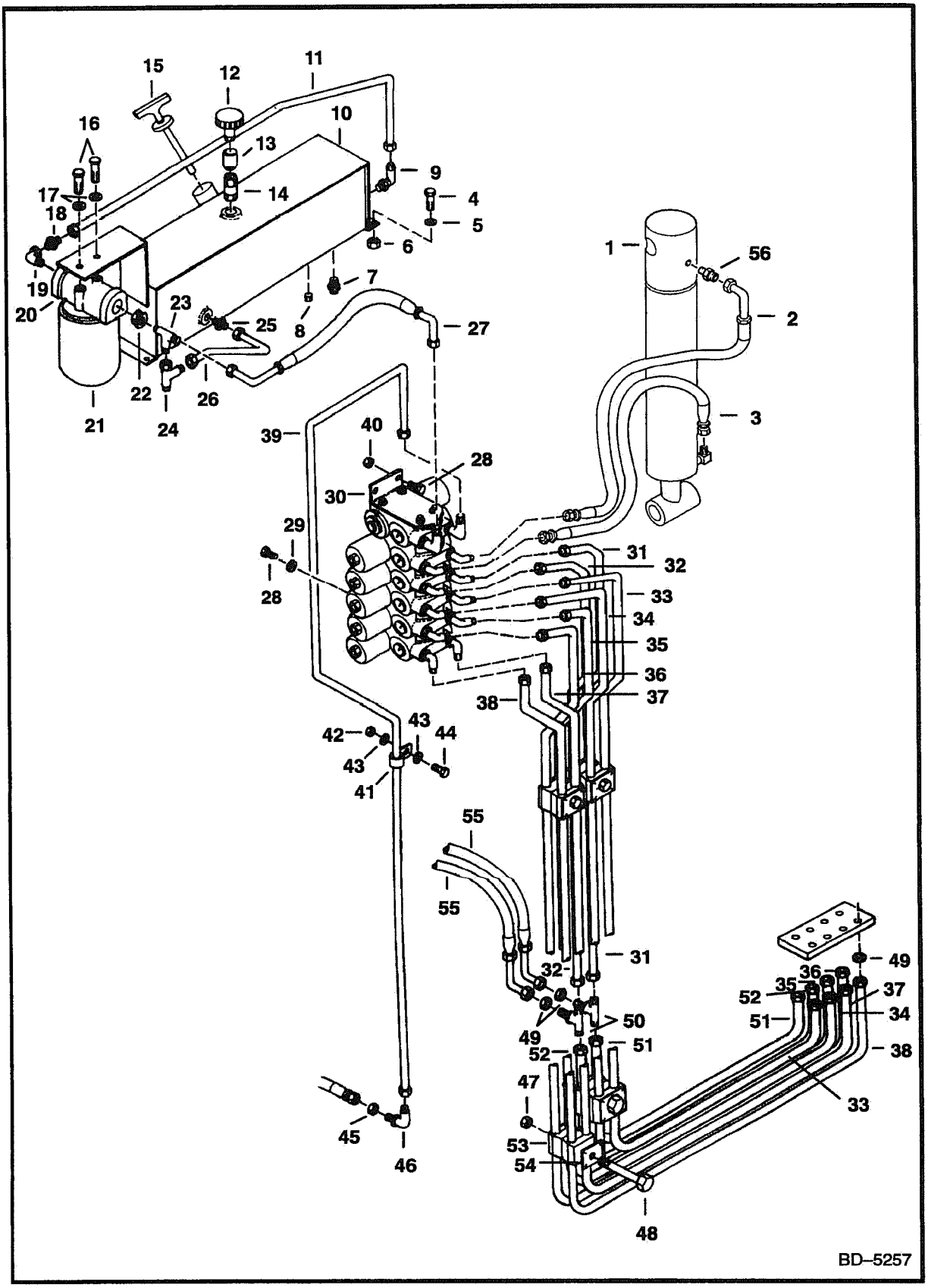
CYLINDERS, TUBES, HOSES & TUBELINES – MODEL 230
S/N 209011101 & Above
(HYDRAULIC SYSTEM)



CYLINDERS, TUBES, HOSES & TUBELINES – MODEL 230 (Cont'd)
S/N 209011101 & Above
(HYDRAULIC SYSTEM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1		CYLINDER	Boom Lift – See Page H5		1
2	6618193	HOSE	Hydraulic – 28.80" (731,52mm) Long		1
3	6618197	HOSE	Hydraulic – 28.40" (721,36mm) Long		2
4	17C–612	BOLT			4
5	25E–18	WASHER			6
6	85D–6	NUT			8
7	89F–6	FITTING			1
8	16F–2	PLUG			1
9	17K–6	ELBOW			2
10	6618215	TANK			1
11	6618167	TUBELINE			1
12	6648944	VENT			1
13	75F–3	COUPLING			1
14	5K–316	NIPPLE			1
15	6653478	DIPSTICK			1
16	17C–410	BOLT			2
17	4E–4	WASHER			2
18	6646578	CHECK VALVE			1
19	6652053	ADAPTER			1
20	6634541	FILTER	Assy. – W/Ref. 21		1
21	6515541	FILTER	Hydraulic		1
22	19F–9	BUSHING			1
23	6654808	FITTING			1
24	13K–6	TEE			2
25	6656391	CHECK VALVE			1
26	6618168	TUBELINE			1
27	6595134	HOSE	Hydraulic – 13.25" (336,55mm) Long – Was 6618218 [A]		1
28	17C–512	BOLT			13
29	4E–5	WASHER			3
30		VALVE	Control – See Pages H13, H18		1
31	6618143	TUBELINE	Left Boom Fold – Rod End of Cylinder		1
32	6618144	TUBELINE	Left Boom Fold – Base End of Cylinder		1
33	6618145	TUBELINE	Left Boom Tip Lift – Base End of Cylinder		1
34	6618146	TUBELINE	Left Boom Tip Lift – Rod End of Cylinder		1
35	6618147	TUBELINE	Right Boom Fold – Rod End of Cylinder		1
36	6618148	TUBELINE	Right Boom Fold – Base End of Cylinder		1
37	6618149	TUBELINE	Right Boom Tip Lift – Rod End of Cylinder		1

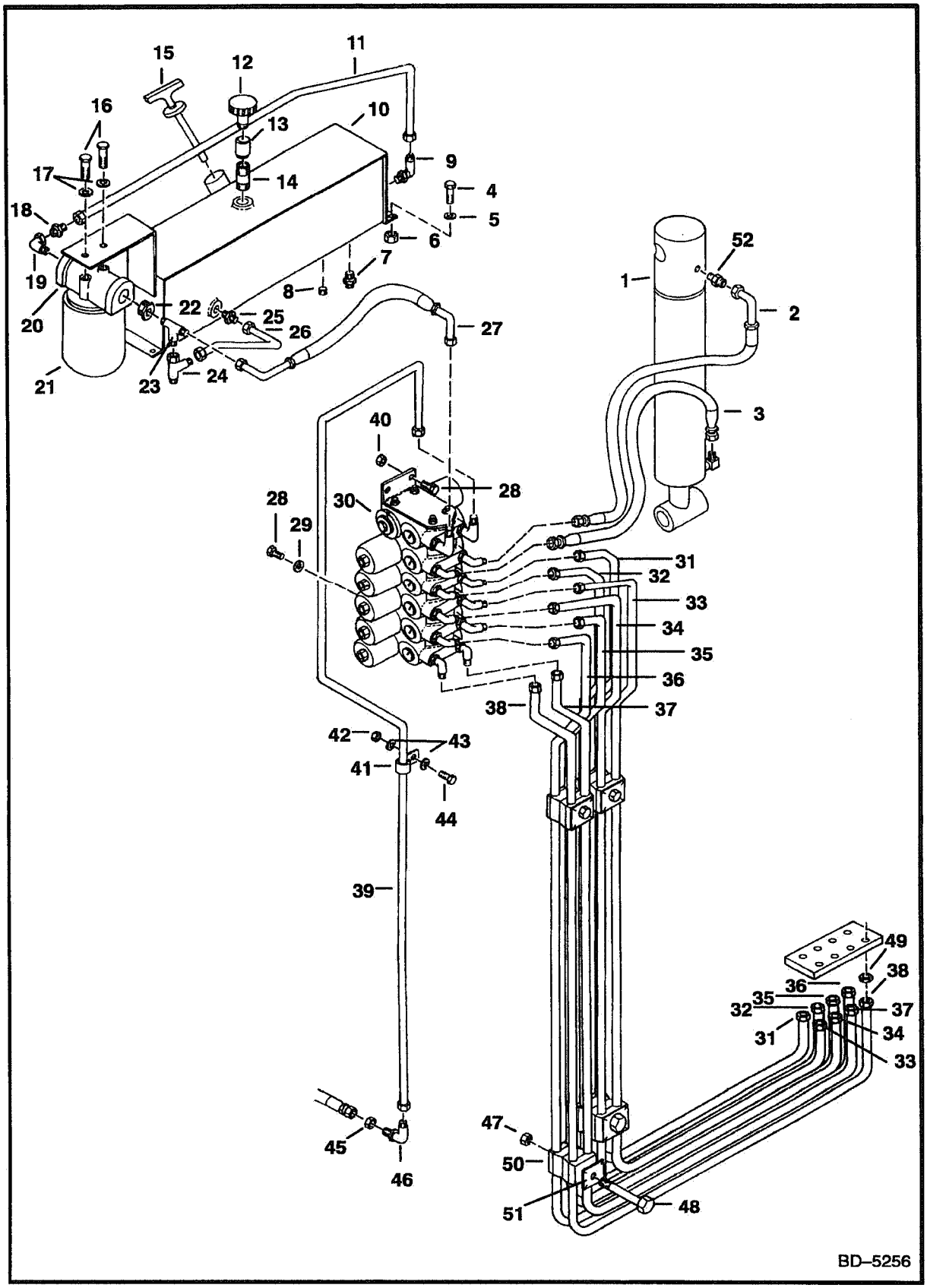
CYLINDERS, TUBES, HOSES & TUBELINES MODEL 230 (Cont'd)
S/N 209011101 & Above
(HYDRAULIC SYSTEM)



CYLINDERS, TUBES, HOSES & TUBELINES – MODEL 230 (Cont'd)
S/N 209011101 & Above
(HYDRAULIC SYSTEM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
38	6618150	TUBELINE	Right Boom Tip Lift – Base End of Cylinder		1
39	6618151	TUBELINE			1
40	83D–5	NUT			4
41	6562266	CLAMP			2
42	85D–5	NUT			12
43	25E–16	WASHER			4
44	17C–520	BOLT			2
45	86F–6	NUT			1
46	88F–6	ELBOW			1
47	85D–4	NUT			8
48	17C–436	BOLT			4
49	86F–5	NUT			18
50	90F–5	FITTING			2
51	6618152	TUBELINE	Left Boom Fold – Rod End of Cylinder		1
52	6618153	TUBELINE	Left Boom Fold – Base End of Cylinder		1
53	6578870	CLAMP			26
54	6535422	WASHER			9
55	6618239	HOSE	Hydraulic		2
56	712203	CONNECTOR			1

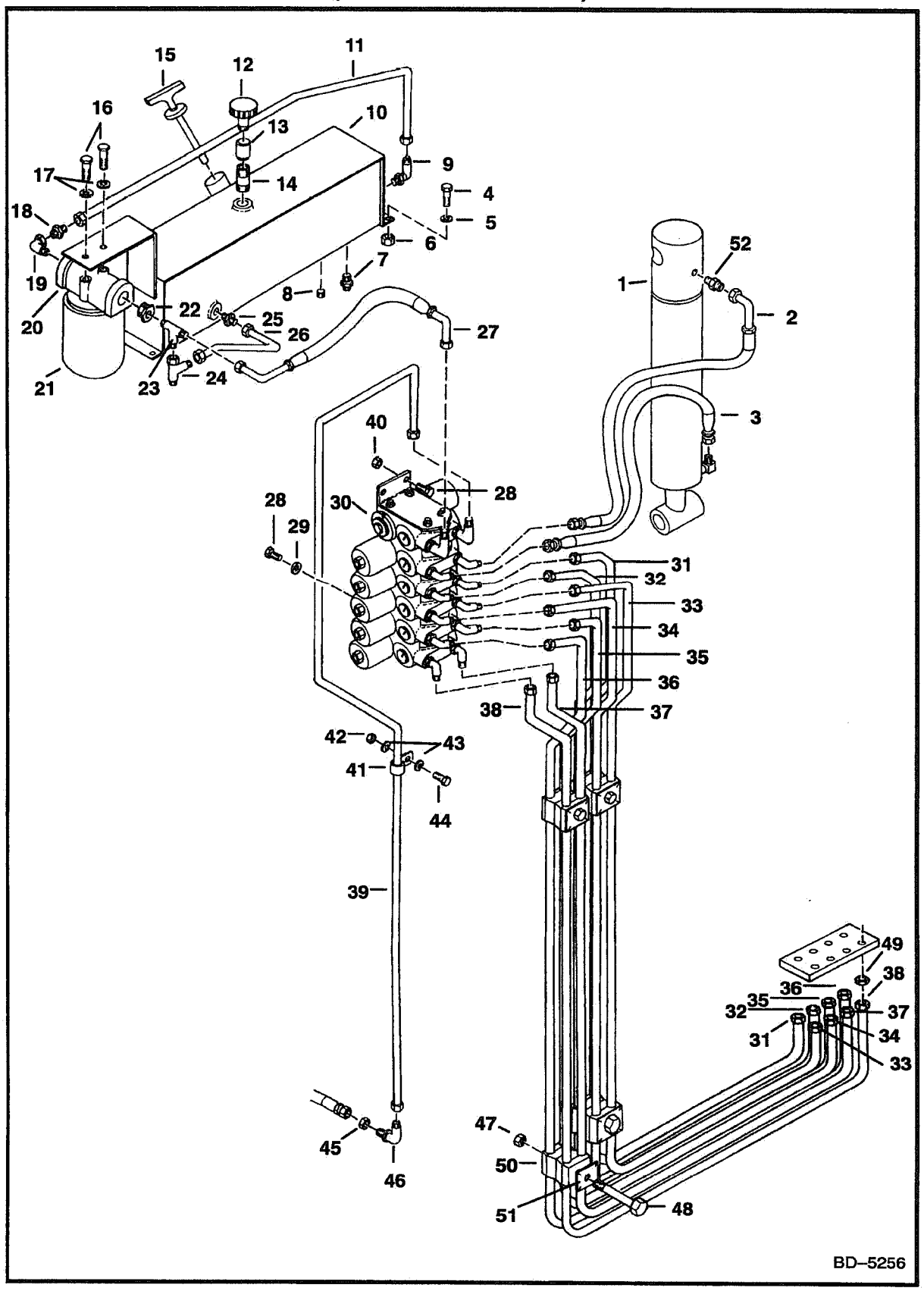
TANK, VALVE, TUBES & HOSES – MODEL 220
S/N 208912515 & Above – S/N 209211061 & Above
(HYDRAULIC SYSTEM)



TANK, VALVES, TUBES & HOSES – MODEL 220 (Cont'd)
S/N 208912515 & Above – S/N 209211061 & Above
(HYDRAULIC SYSTEM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1		CYLINDER	Boom Lift – See Page H5		1
2	6618193	HOSE	Hydraulic – 28.80" (731,52mm) Long		1
3	6618197	HOSE	Hydraulic – 28.40" (721,36mm) Long		2
4	17C–612	BOLT			4
5	25E–18	WASHER			6
6	85D–6	NUT			8
7	89F–6	FITTING			1
8	16F–2	PLUG			1
9	17K–6	ELBOW			2
10	6618215	TANK			1
11	6618167	TUBELINE		208914080 & Bel.	
				209211287 & Bel.	1
	6596992	TUBELINE		208914081 & Abv.	
				209211288 & Abv.	1
12	6648944	VENT			1
13	75F–3	COUPLING			1
14	5K–316	NIPPLE			1
15	6653478	DIPSTICK			1
16	17C–410	BOLT			2
17	4E–4	WASHER			2
18	6646578	CHECK VALVE			1
19	6652053	ADAPTER			1
20	6634541	FILTER	Assy. – W/Ref. 21	208914080 & Bel.	
				209211287 & Bel.	1
	6667317	HEAD	Filter – only	208914081 & Abv.	
				209211288 & Abv.	1
21	6515541	FILTER	Hydraulic		1
22	19F–9	BUSHING			1
23	6654808	FITTING			1
24	13K–6	TEE			2
25	6656391	CHECK VALVE			1
26	6618168	TUBELINE		208914080 & Bel.	
				209211287 & Bel.	1
	6596993	TUBELINE		208914081 & Abv.	
				209211288 & Abv.	1
27	6595134	HOSE	Hydraulic – 13.25" (336,55) Long Was 6618218 [A]		1
28	17C–512	BOLT			12
29	4E–5	WASHER			4
30		VALVE	Control – See Pages H13, H18		1
31	6618314	TUBELINE	Left Boom Fold – Rod End of Cylinder		1
32	6618315	TUBELINE	Left Boom Fold – Base End of Cylinder		1
33	6618145	TUBELINE	Left Boom Tip Lift – Base End of Cylinder		1

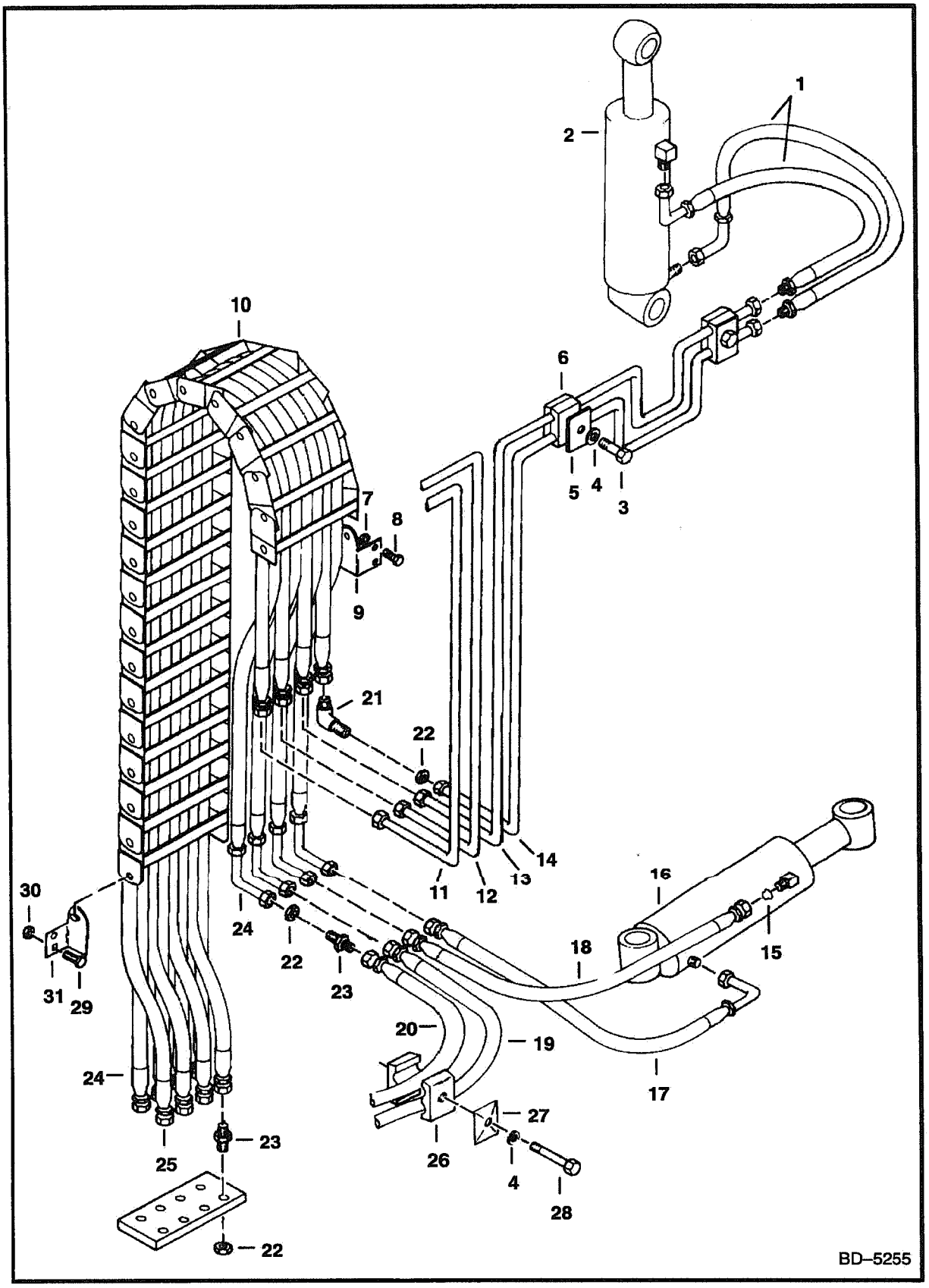
TANK, VALVE, TUBES & HOSES – MODEL 220 (Cont'd)
S/N 208912515 & Above – S/N 209211061 & Above
(HYDRAULIC SYSTEM)



TANK, VALVE, TUBES & HOSES – MODEL 220 (Cont'd)
S/N 208912515 & Above – S/N 209211061 & Above
(HYDRAULIC SYSTEM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
34	6618146	TUBELINE	Left Boom Tip Lift – Rod End of Cylinder		1
35	6618147	TUBELINE	Right Boom Fold – Rod End of Cylinder		1
36	6618148	TUBELINE	Right Boom Fold – Base End of Cylinder		1
37	6618149	TUBELINE	Right Boom Tip Lift – Rod End of Cylinder		1
38	6618150	TUBELINE	Right Boom Tip Lift – Base End of Cylinder		1
39	6618151	TUBELINE			1
40	83D–5	NUT			2
41	6562266	CLAMP			2
42	85D–5	NUT			12
43	25E–16	WASHER			4
44	17C–520	BOLT			2
45	86F–6	NUT			1
46	88F–6	ELBOW			1
47	85D–4	NUT			8
48	17C–436	BOLT			4
49	86F–5	NUT			18
50	6578870	CLAMP			26
51	6535422	WASHER			9
52	712203	CONNECTOR			1

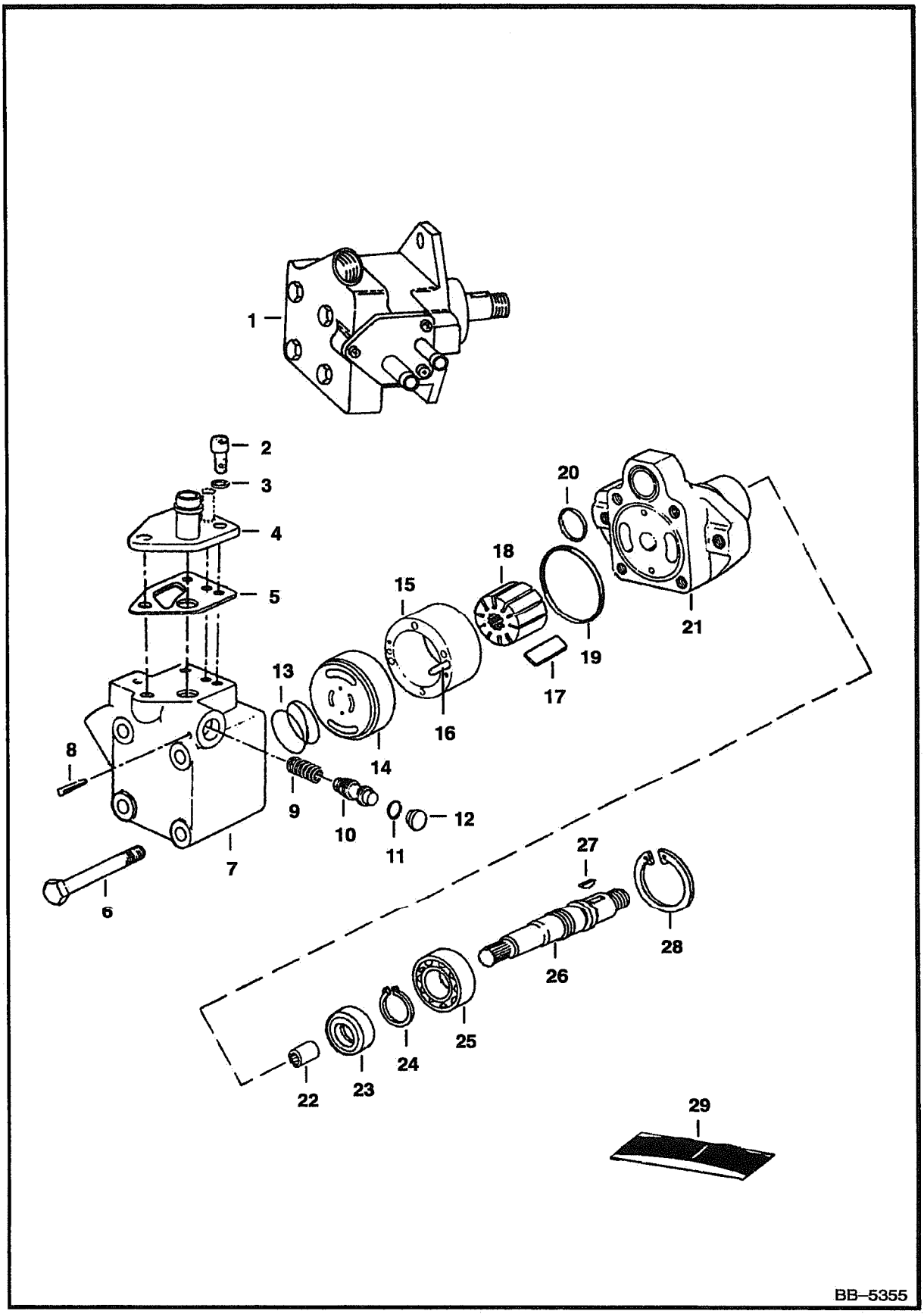
CYLINDERS, TUBES, HOSES & TUBELINES – MODEL 220
S/N 208912515 & Above – S/N 209211061 & Above
(HYDRAULIC SYSTEM)



CYLINDERS, TUBES, HOSES & TUBELINES – MODEL 220 (Cont'd)
S/N 208912515 & Above – S/N 209211061 & Above
(HYDRAULIC SYSTEM)

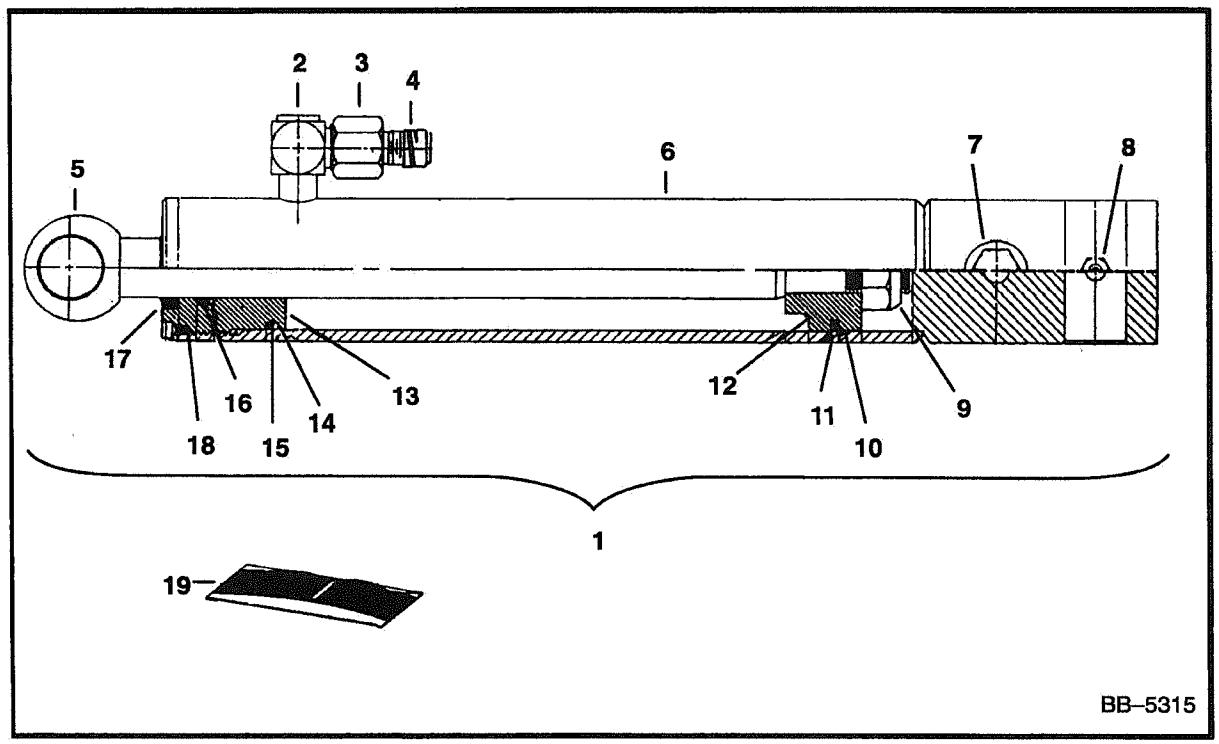
Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6626580	HOSE	Tip Lift Left and Right – Was 6618200 [A]		4
2		CYLINDER	Tip Lift Left and Right – See Page H9		2
3	17C–420	BOLT			5
4	4E–4	WASHER			5
5	6535422	WASHER			9
6	6578870	CLAMP	Tubeline		26
7	85D–4	NUT			8
8	17C–412	BOLT			4
9	6654901	MOUNT	Upper		2
10	6654900	CARRIER	Hose		1
11	6618170	TUBELINE	Left Boom Tip Lift – Base End of Cylinder		1
12	6618169	TUBELINE	Left Boom Tip Lift – Rod End of Cylinder		1
13	6618171	TUBELINE	Right Boom Tip Lift – Rod End of Cylinder		1
14	6618172	TUBELINE	Right Boom Tip Lift – Base End of Cylinder		1
15	6626591	SEAL	Bonnet – (.025 - .65)		2
16		CYLINDER	Boom Fold – See Pages H7, H8		2
17	6618195	HOSE	Right Boom Fold – Base End of Cylinder		1
18	6530892	HOSE	Right Boom Fold – Rod End of Cylinder		1
19	6618196	HOSE	Left Boom Fold – Base End of Cylinder		1
20	6618194	HOSE	Left Boom Fold – Rod End of Cylinder		1
21	88F–5	ELBOW			4
22	86F–5	NUT			18
23	45K–5	UNION			12
24	6618198	HOSE	Boom Fold – 49.25" (1250,95mm) Long		4
25	6618199	HOSE	Boom Tip Lift – 47.60" (1209,04mm) Long		4
26	6701892	CLAMP	Was 6577696 [A]		2
27	6652521	PLATE			1
28	17C–524	BOLT			1
29	17C–408	BOLT			4
30	83D–4	NUT			4
31	6654902	MOUNT	Lower		2

PUMP – Power Steering
(HYDRAULIC SYSTEM)



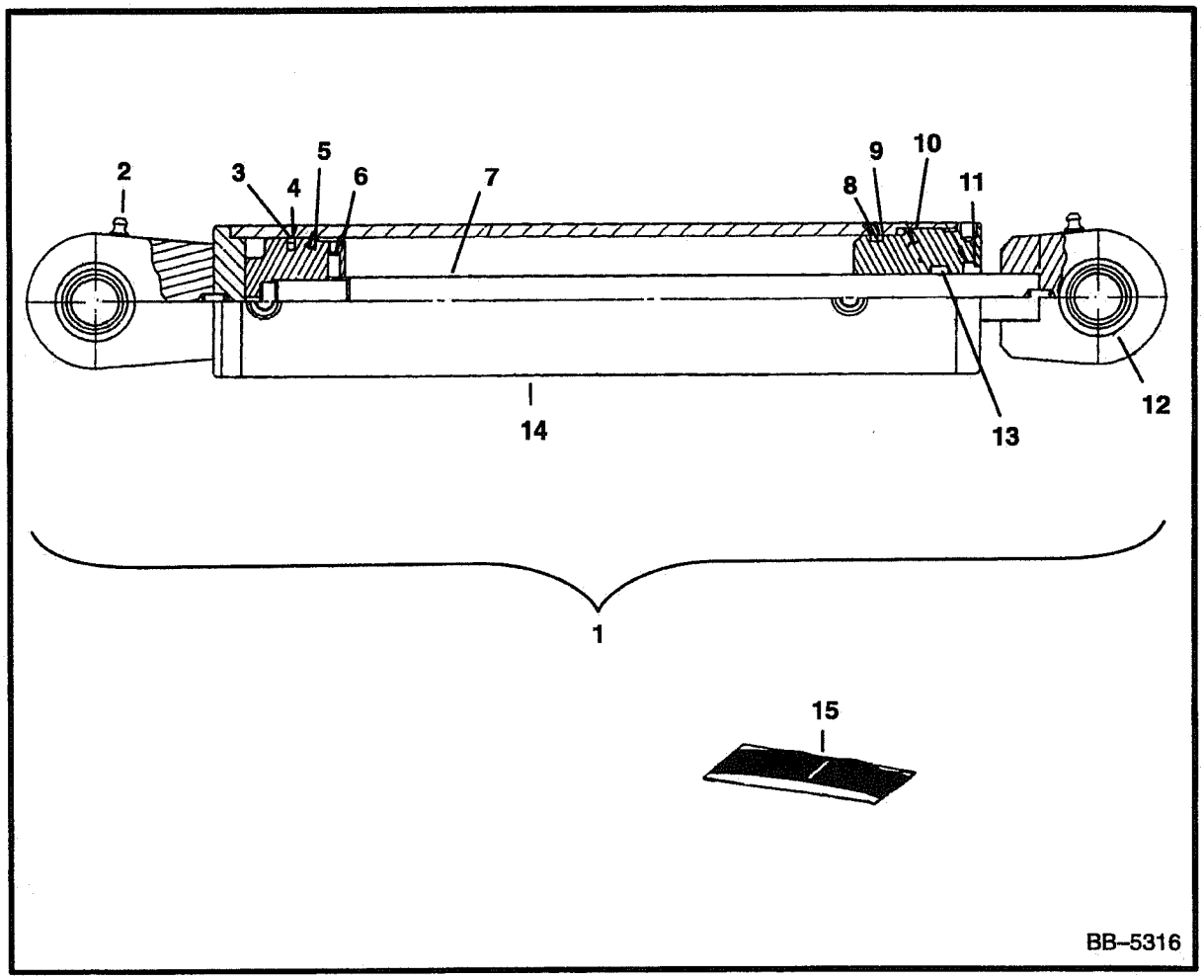
PUMP – Power Steering (Cont'd)
(HYDRAULIC SYSTEM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6651858	PUMP	W/Ref. 2-28 – See Pages F22 – Ref. 67, G8 – Ref. 71		1
2	6656035	BOLT			3
3	6656036	WASHER			1
4	6656037	MANIFOLD			1
5	6656038	GASKET			1
6	6656039	BOLT			4
7	6656040	COVER			1
8	6656054	PIN			1
9	6656057	SPRING			1
10	6656056	VALVE			1
11	NSS	O–RING	Order Ref. 29		1
12	6656055	PLUG			1
13	6656041	SPRING			1
14	6656042	PLATE			1
15	6656043	CAM RING			1
16	6656044	PIN			2
17	6656046	VANE	Kit – Set of 10		1
18	6656045	ROTOR			1
19	NSS	O–RING	Order Ref. 29		1
20	NSS	O–RING	Order Ref. 29		1
21	6656048	BODY			1
22	6656053	BEARING			1
23	NSS	SEAL	Order Ref. 29		1
24	6656052	RING			1
25	784950	BEARING			1
26	6656051	SHAFT			1
27	6656049	KEY			1
28	6656050	RING			1
29	6656047	SEAL KIT	W/Ref. 11, 19, 20, 23		1



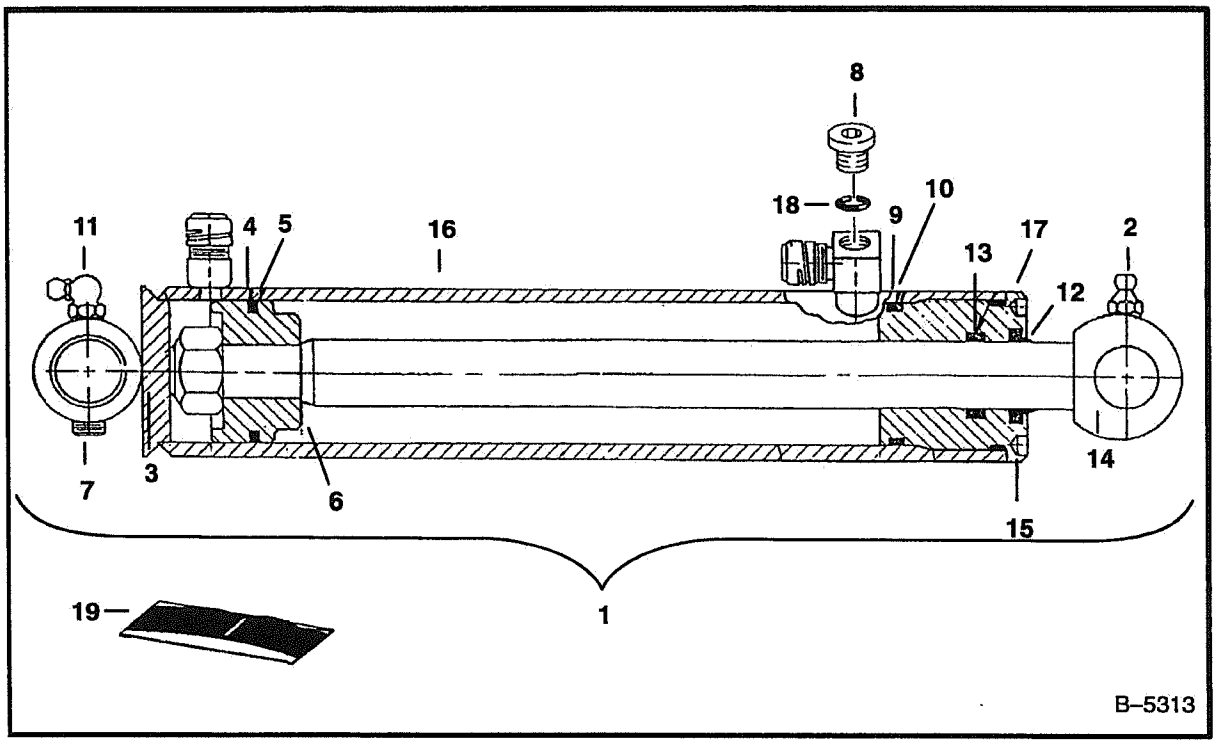
CYLINDER – BOOM LIFT
(HYDRAULIC SYSTEM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6618192	CYLINDER	Assy. – W/Ref. 2, 5-18		1
2	47K–5	PLUG			1
3	80F–6	NUT			1
4	9K–3	ADAPTER			1
5	6618225	ROD			1
6	6532487	TUBE	W/Ref. 2		1
7	6658359	PLUG	Was 712203 [A]		1
8	10H–25	GREASE ZERK			1
9	92D–12	NUT	Was 86D-12		1
10	6516231	SEAL	Was NSS		1
11	25K–30118	O–RING	Was NSS		1
12	6661694	PISTON	Was 6504931 [A]		1
13	6538595	END CAP	Was 6504933 [A]		1
14	25K–40124	O–RING	Was NSS		1
15	73K–224	RING	Back–up – Was NSS		1
16	6704243	SEAL	Rod – Was NSS		1
17	1657083	SEAL	Wiper – Was NSS		1
18	58K–136	O–RING	Was NSS		1
19	6587790	SEAL KIT	Ref. 9, 10, 11 & 14–18 Was 6661288 [A]		1



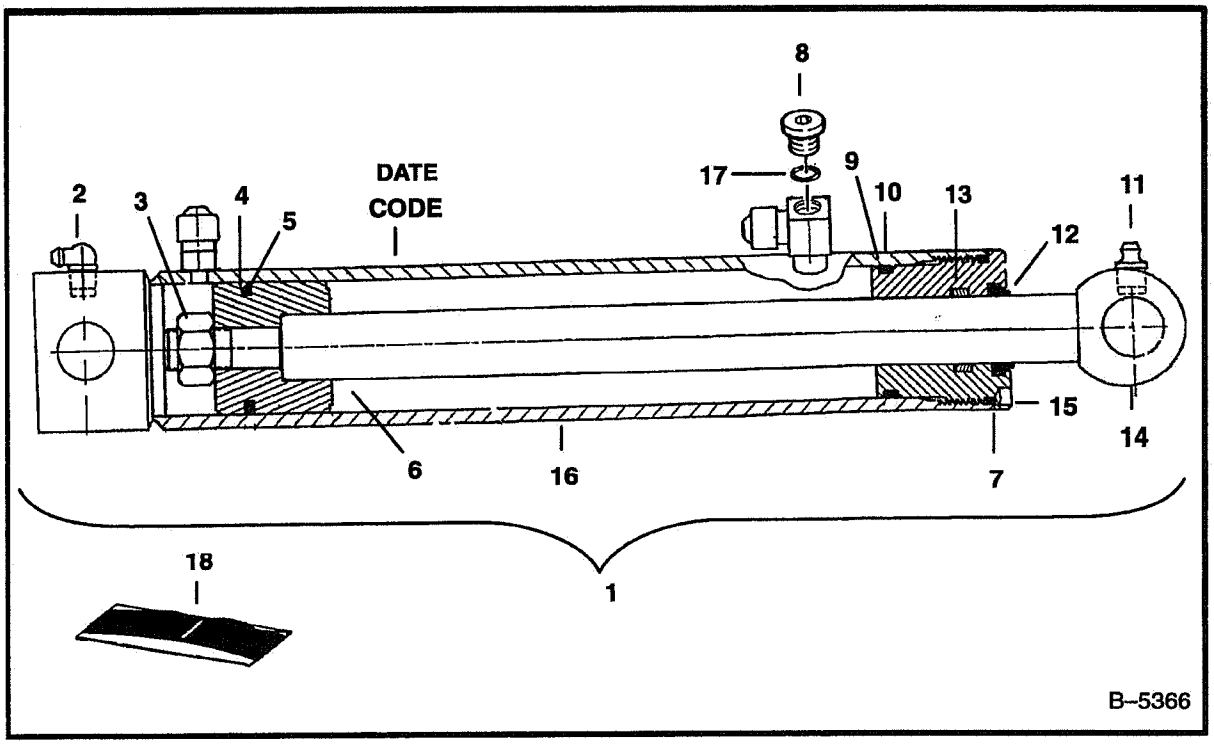
CYLINDER – POWER STEERING
(HYDRAULIC SYSTEM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6651859	CYLINDER	Assy. – W/Ref. 2–14		1
2	710918	GREASE ZERK			2
3	58K–129	O–RING	Was NSS		1
4	6516231	SEAL	Teflon – Was NSS		1
5	6653271	PISTON			1
6	35G–1006	SET SCREW			1
7	6653272	ROD	Cylinder		1
8	25K–40124	O–RING	1.75" ID – Was NSS		1
9	80K–224	BACK-UP WASHER	Was NSS		1
10	6653273	END CAP			1
11	NSS	SEAL	Order Ref. 15		1
12	6646493	BEARING			2
13	NSS	SEAL	Order Ref. 15		1
14	6653270	TUBE			1
15	6618273	SEAL KIT	W/Ref. 3, 4, 8, 9, 11, 13 & Tube of		
			Adhesive		1



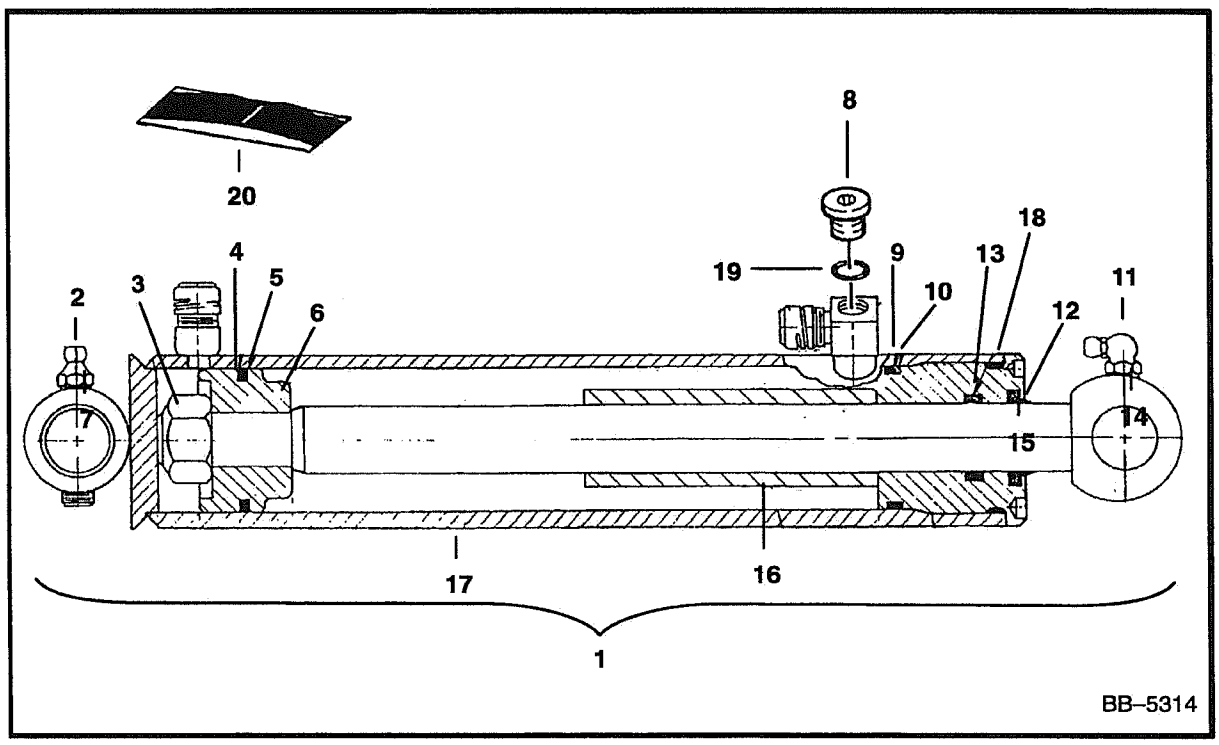
CYLINDER – BOOM FOLD
S/N 209211195 & Below – S/N 209011857 & Below
(HYDRAULIC SYSTEM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	NAP	CYLINDER	Assy. W/Ref. 2-18 – order 6586677 – See Page H8 – Was 6537195		1
2	10H–25	GREASE ZERK			1
3	92D–12	NUT	Was 86D–12		1
4	6516231	SEAL	Teflon – Was NSS		1
5	25K–30118	O–RING	1.56" ID – Was NSS		1
6	6558196	PISTON	Cylinder		1
7	16F–2	PLUG			1
8*	90KV–2	PLUG	W/O–Ring, Ref. 18 – Was 47k–2 [A]		
9	25K–40124	O–RING	Was NSS		1
10	80K–224	BACK-UP WASHER	Was NSS		1
11	12H–15	GREASE ZERK			1
12	1657083	SEAL	Wiper – Was NSS		1
13	6704243	SEAL	Rod – Was NSS		1
14	6618129	ROD			1
15	6538595	END CAP	Was 6504933 [A]		1
16	6537198	TUBE	W/Ref. 8		1
17	58K–136	O–RING	Was NSS		1
18*	95K–3	O–RING			1
19	6587790	SEAL KIT	W/Ref. 4, 5, 9, 10, 12, 13 & 17 – Was 6661288 [A]		1



CYLINDER – BOOM CUSHION FOLD
S/N 209211196 & Above – S/N 209011858 & Above

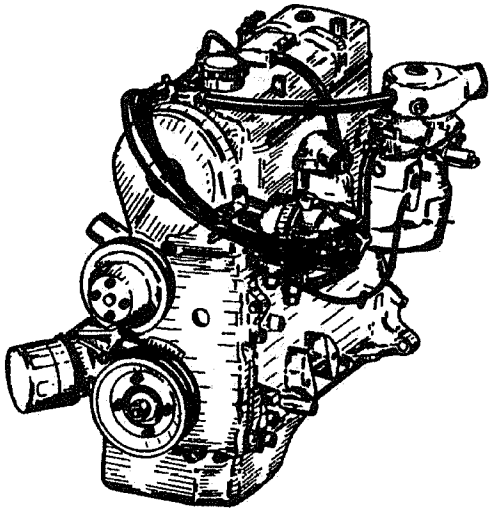
Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6586677	CYLINDER	Assy. – W/Ref. 2–17		1
2	12H–15	GREASE ZERK			1
3	92D–10	NUT			1
4	6516231	SEAL	Teflon – Was NSS		1
5	25K–30118	O–RING	Was NSS		1
6	6587885	PISTON	Cylinder – Was 6618275 [A]		1
7	58K–136	O–RING	Was NSS		1
8*	90KV–2	PLUG	W/O–Ring, Ref. 17 – Was 47K–2 [A]		1
9	25K–40124	O–RING	Was NSS		1
10	73K–224	RING	Back–up – Was NSS		1
11	10H–25	GREASE ZERK			1
12	1657083	SEAL	Wiper – Was NSS		1
13	6704243	SEAL	Rod – Was NSS		1
14	6586682	ROD			1
15	6538595	END CAP			1
16	6586680	TUBE	W/Ref. 8		1
17*	95K–3	O–RING			1
18	6589566	SEAL KIT	W/Ref. 3–5, 7, 9, 10, 12 & 13 Was 6588068 [A]		1



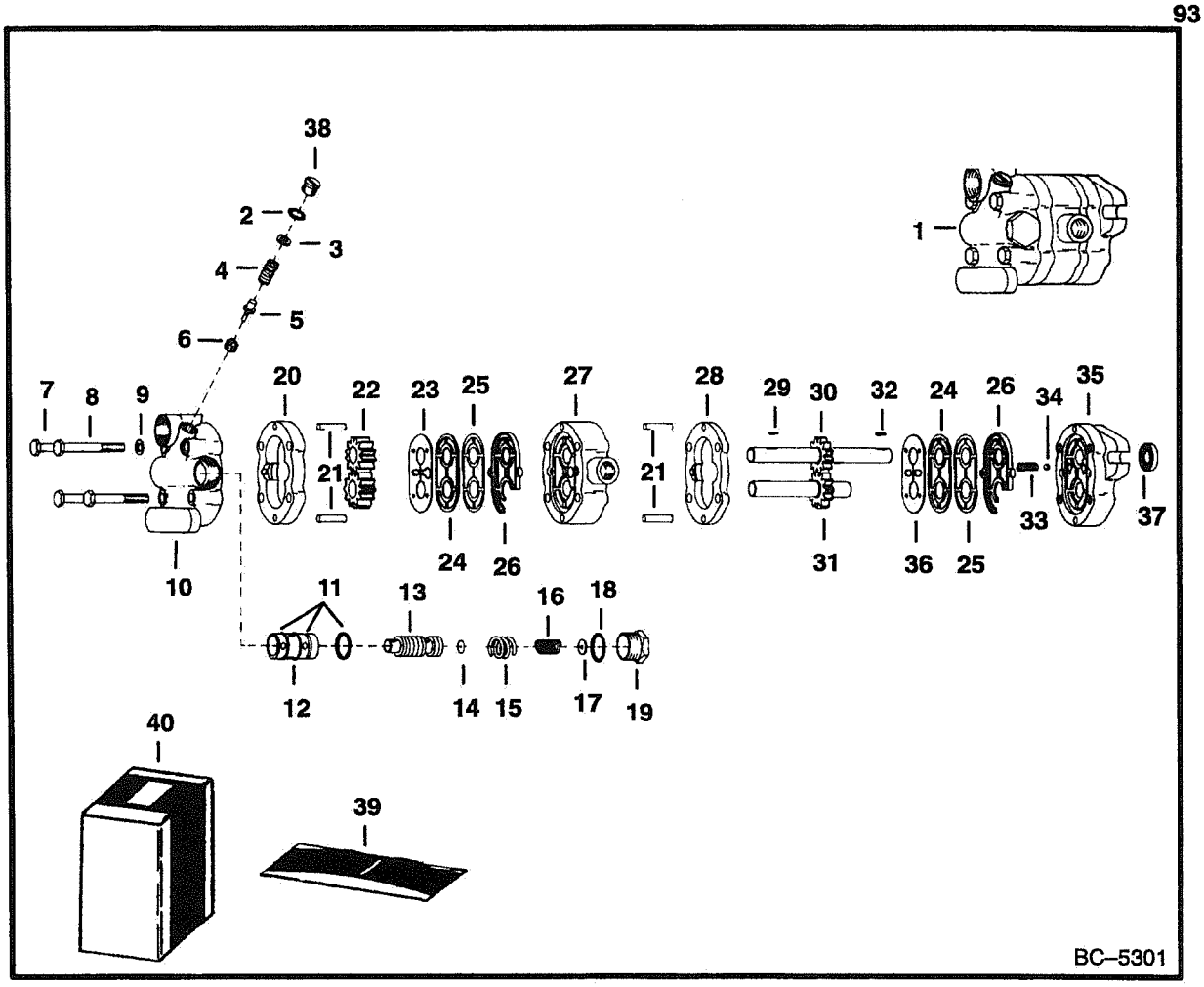
CYLINDER – BOOM TIP LIFT
(HYDRAULIC SYSTEM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6618133	CYLINDER	Assy. – W/Ref. 2-18		1
2	10H–25	GREASE ZERK			1
3	92D–12	NUT	Was 86D–12		1
4	6516231	SEAL	Teflon – Was NSS		1
5	25K–30118	O–RING	Was NSS		1
6	6558196	PISTON	Cylinder		1
7	16F–2	PLUG			1
8*	90KV–2	PLUG	W/O–Ring, Ref. 19 – Was 47K–2 [A]		1
9	25K–40124	O–RING	Was NSS		1
10	73K–224	RING	Back–up – Was NSS		1
11	12H–15	GREASE ZERK			1
12	1657083	SEAL	Wiper – Was NSS		1
13	6704243	SEAL	Rod – Was NSS		1
14	6618129	ROD			1
15	6538595	END CAP	Was 6504933 [A]		1
16	6618134	SPACER			1
17	6618247	TUBE	W/Ref. 8		1
18	58K–136	O–RING	Was NSS		1
19*	95K–3	O–RING			1
20	6587790	SEAL KIT	W/Ref. 3, 4, 5, 9, 10, 12, 13 & 18		
			Was 6661288 [A]		1

Both new and rebuilt engines are available from Melroe.



Available from Melroe Parts.

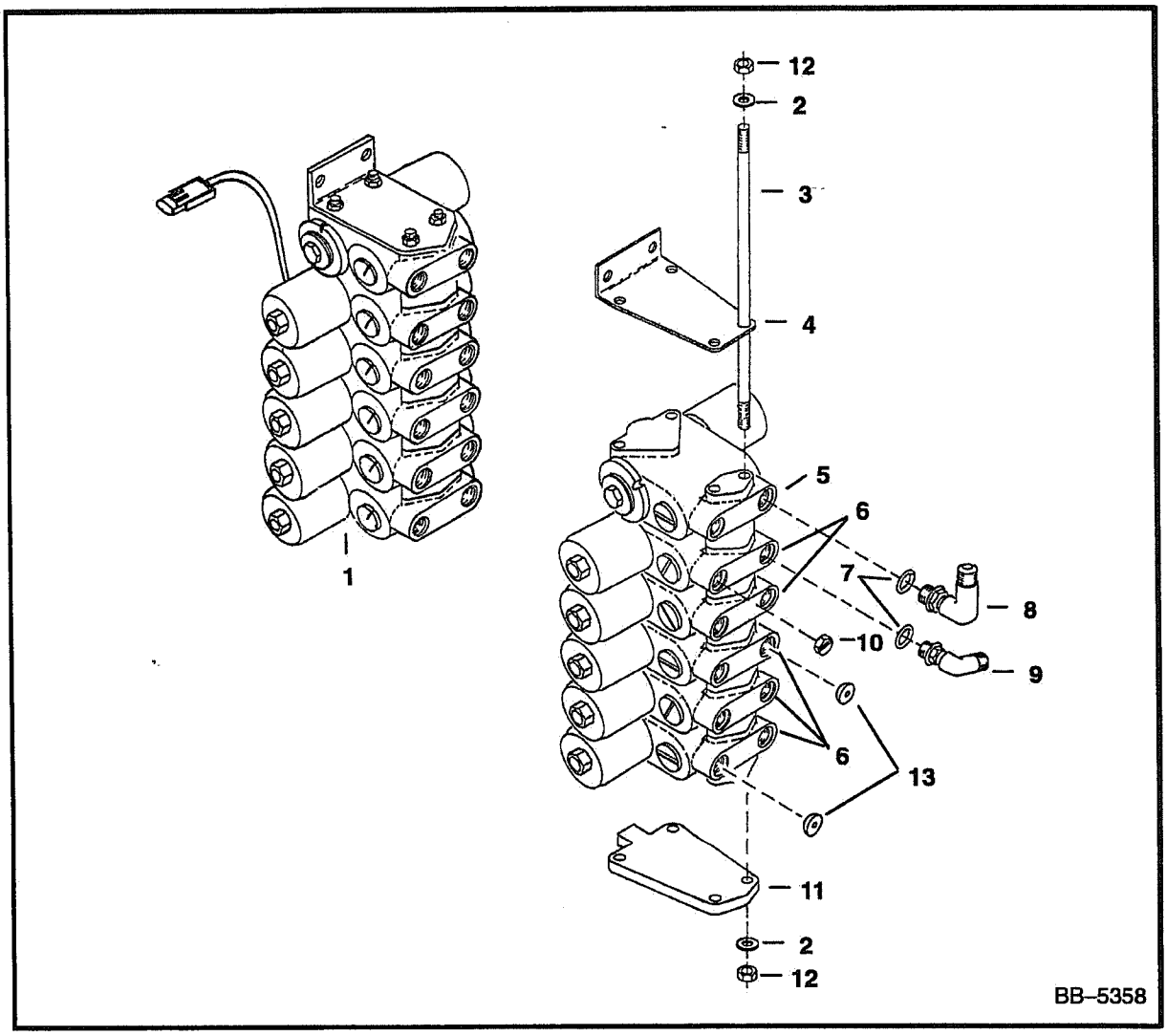


PUMP – HYDRAULIC
(HYDRAULIC SYSTEM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6654238	PUMP	Hydraulic Assy. – W/Ref.2–37		1
2	NSS	O–RING	Order Ref. 39		1
3	894211	SHIM			x
4	6512235	SPRING			1
5	6598820	POPPET			1
6	NSS	SEAT	Order Ref. 40		1
7	6656091	BOLT			3
8	6647739	BOLT			1
9	6656084	WASHER	Copper Crush		1
10	NSS	BACK PLATE			1
11	NSS	O–RING	Order Ref. 39 or 40		3
12	NSS	SLEEVE	Order Ref.40		1
13	NSS	SPOOL	Order Ref. 40		1
14	6656078	DISC			1
15	6656079	SPRING			1
16	6656082	SPRING			1
17	896065	SHIM			x
18	NSS	O–RING	Order Ref. 39		1

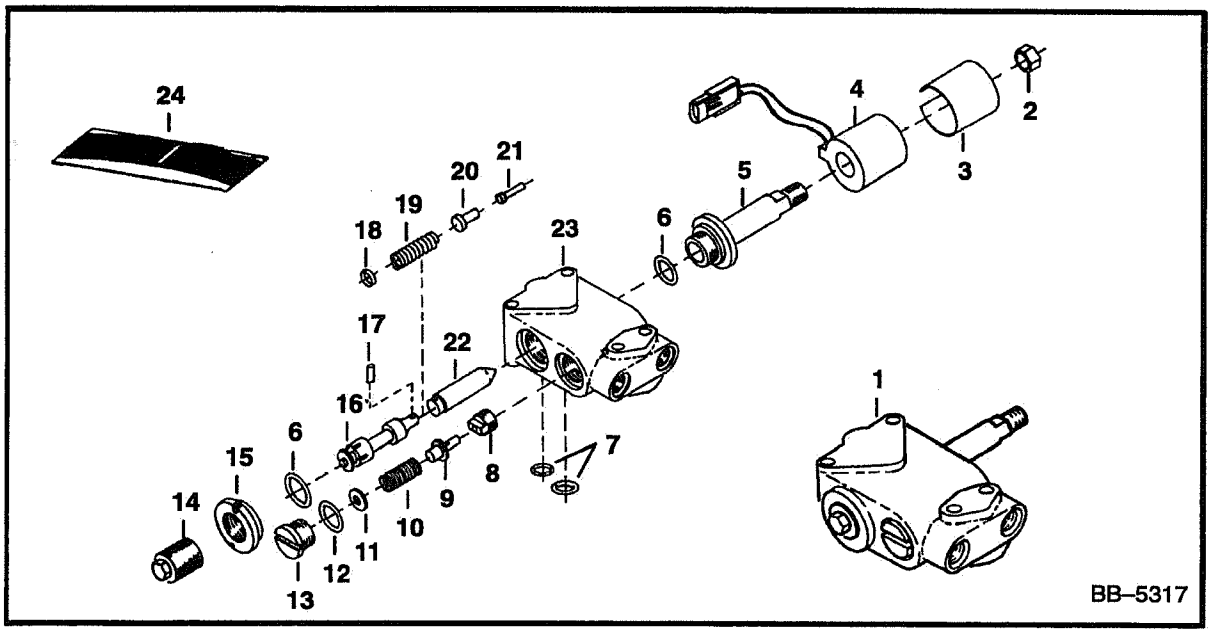
PUMP – HYDRAULIC (Cont'd)
(HYDRAULIC SYSTEM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
19	6656092	PLUG	Assy. – W/Ref. 18		1
20	6656080	BODY			1
21	6656090	DOWEL PIN			4
22	6656088	GEAR			2
23	NSS	DIAPHRAM	Order Ref. 39		1
24	NSS	GASKET	Back–Up – Order Ref. 39		2
25	NSS	GASKET	Protector – Order Ref. 39		2
26	NSS	SEAL	Diaphram – Order Ref. 39		2
27	6656089	ADAPTER	Plate		1
28	6652882	BODY			1
29	6656085	KEY			1
30	6656087	DRIVE GEAR	Assembly		1
31	6656086	IDLER GEAR	Assembly		1
32	6598370	KEY			1
33	6634647	SPRING			2
34	6634656	BALL			2
35	6598369	FRONT PLATE	W/Bushings		1
36	NSS	DIAPHRAM	Order Ref. 39		1
37	NSS	SEAL	Shaft – Order Ref. 39		1
38	6656093	PLUG	W/Ref. 2		1
39	6656485	SEAL KIT	W/Ref. 2, 9, 11, 18, 23–26, 33, 34		
			36 & 37		1
40	6656486	REPAIR KIT	Back Plate – W/Ref. 3–6 & 10–19		1



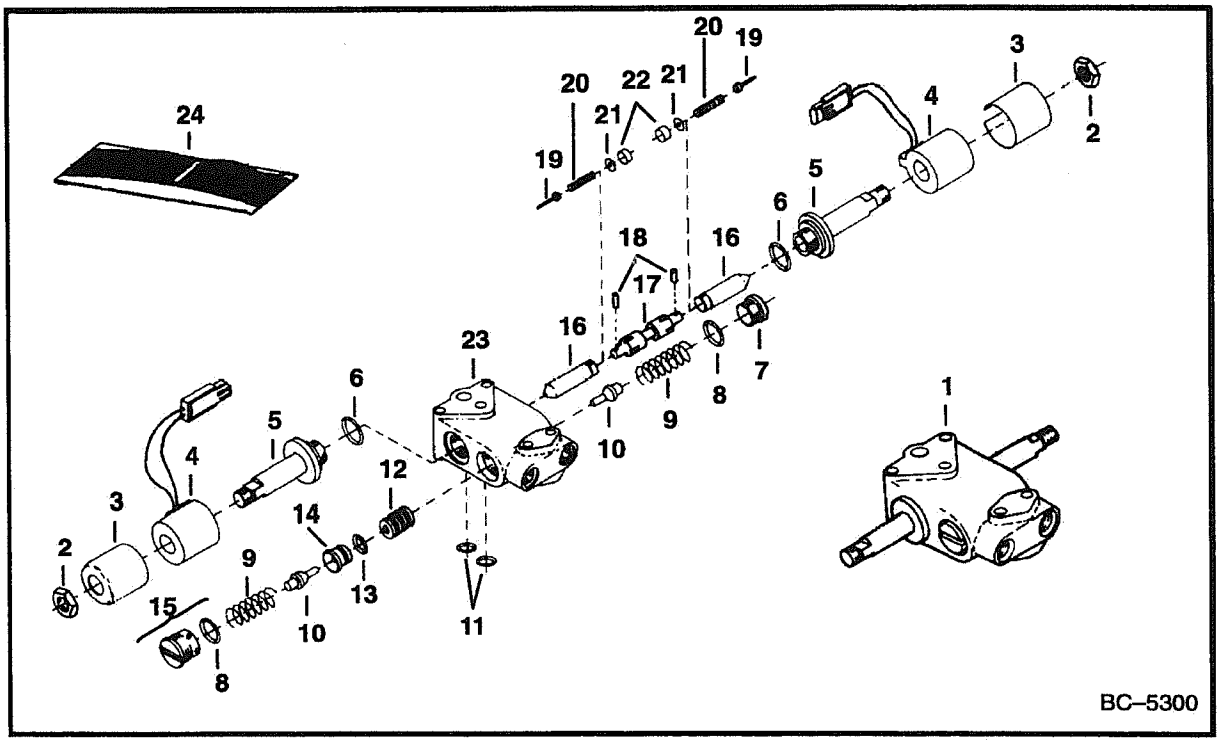
VALVE CONTROL HYDRAULIC – S/N BELOW
S/N 208913335 & Bel. – S/N 209211201 & Bel. – S/N 209011865 & Bel.
(HYDRAULIC SYSTEM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1*	6661370	VALVE	Assy. W/Ref. 2 – 6, 11, 12 – Was 6618186 [A]		1
2	4E–4	WASHER			8
3	6656095	STUD			4
4	6656100	BRACKET			1
5		PORT PLATE	See Page H14		1
6		SECTION	See Page H15		5
7	79K–6	O–RING			12
8	672942	ELBOW	W/Ref. 7		2
9	17K–5	ELBOW	W/Ref. 7		10
10	6652910	ORIFICE	Boom Lift, Rod End Only		1
11	6656094	END PLATE			1
12	61D–4	NUT			8
13	6662924	ORIFICE	Tip Lift		2



PORT SECTION – VALVE – S/N BELOW
S/N 208913335 & Bel. – S/N 209211201 & Bel. – S/N 209011865 & Bel.
(HYDRAULIC SYSTEM)

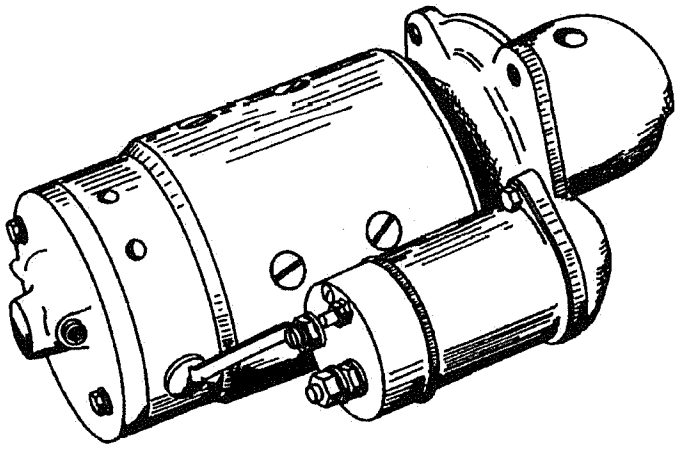
Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	NAP	PORT SECTION	Assy. – W/Ref. 5-23 – W/O Ref. 2–4 – Order 6670209, See Page H19 – Was 6656097 [A]		1
2	8D–8	NUT			1
3	6656099	SOLENOID CASE			1
4	6656098	SOLENOID COIL			1
5	6661700	SOLENOID CORE	Was 6656106 [A]		1
6	79K–8	O–RING	Was 91F–6 [A]		2
7	6513925	O–RING			2
8	896066	SEAT			1
9	996350	POPPET			1
10	6656101	SPRING			1
11	896069	SHIM	.015		x
	894211	SHIM	.010		x
	6510043	SHIM	.035		x
12	6660125	O–RING			1
13	6656112	PLUG	W/Ref. 12		1
14	6656105	PLUG			1
15	6656104	NUT			1
16	NSS	SPOOL	Unloading – Order Ref. 1		1
17	NSS	ROLL PIN	Order Ref. 1		1
18	NSS	SPACER	Order Ref. 1		1
19	NSS	SPRING	Order Ref. 1		1
20	NSS	GUIDE	Order Ref. 1		1
21	NSS	PLUNGER	Order Ref. 1		1
22	NSS	PLUNGER	Order Ref. 1		1
23	NSS	BODY	Port Plate – Order Ref. 1		1
24	6656335	KIT	W/Ref. 6, 7, 12 – Includes quantities to service complete valve stock		1



SECTION – VALVE
S/N 208913335 & Bel. – S/N 209211201 & Bel. – S/N 209011865 & Bel.
(HYDRAULIC SYSTEM)

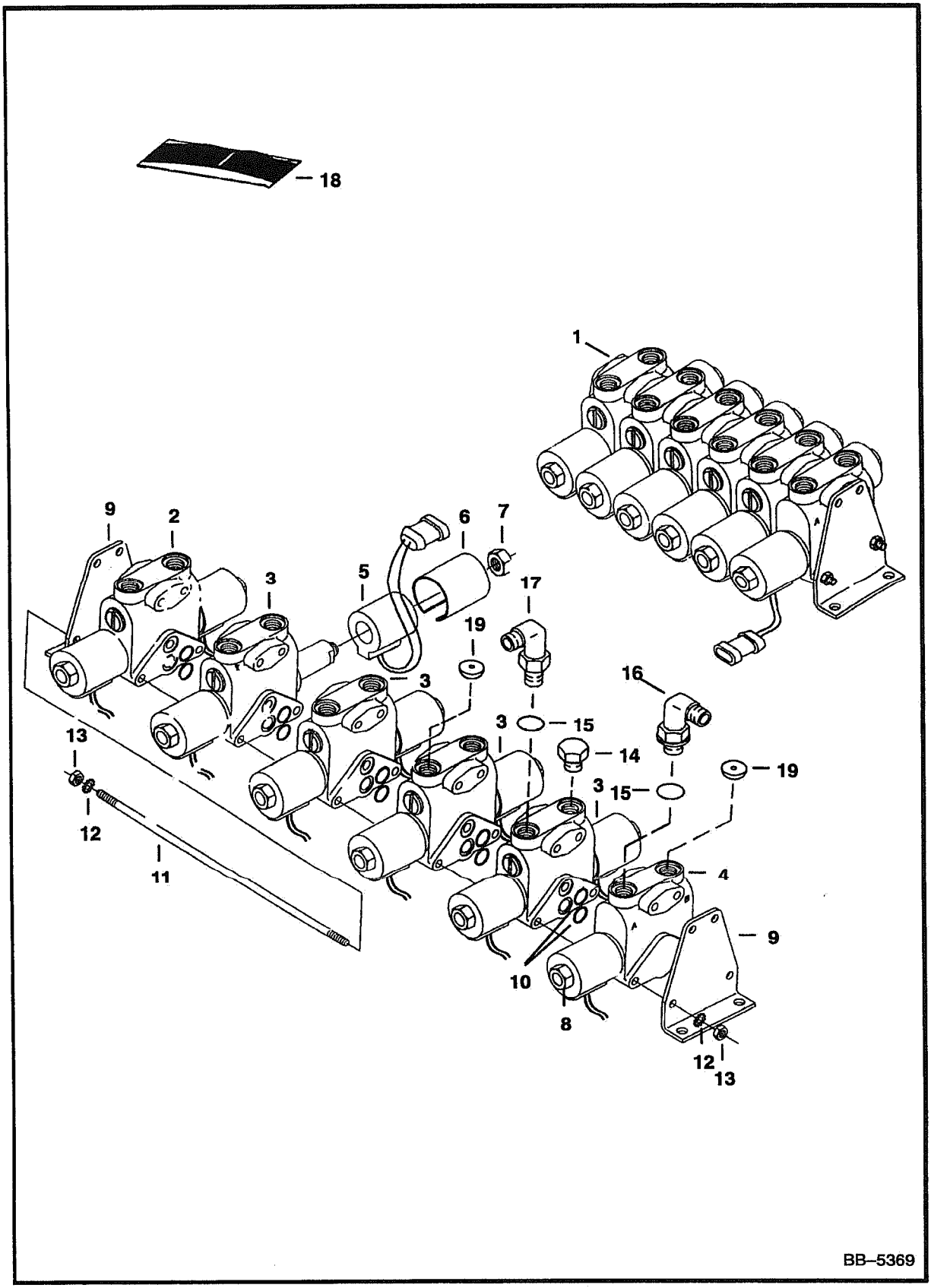
Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	NAP	VALVE SECTION	ASSY. – W/Ref. 5-23 – W/O Ref. 2–4–Replaced by–order 6661708 – Page H20 – – Was 6656096 [A]		5
2	8D–8	NUT			2
3	6656099	SOLENOID CASE			2
4	6656098	SOLENOID COIL			2
5	6661700	SOLENOID CORE	Was 6656106 [A]		2
6	79K–8	O–RING	Was 91F–6		2
7	6656112	PLUG	W/Ref. 8		1
8	6660125	O–RING			2
9	6656114	SPRING			2
10	6656116	POPPET			2
11	6513925	O–RING			2
12	6656118	PLUNGER	Lockout		1
13	NSS	O–RING	Order Ref. 24		1
14	6640711	SEAT			1
15	6656115	PLUG	Seat Retainer – W/Ref. 8		1
16	NSS	PLUNGER	Solenoid – Order Ref. 1		2
17	NSS	SPOOL	Order Ref. 1		1
18	NSS	ROLL PIN	Order Ref. 1		2
19	NSS	PLUNGER	Order Ref. 1		2
20	NSS	SPRING	Order Ref. 1		2
21	NSS	WASHER	Order Ref. 1		2
22	NSS	SPACER	Order Ref.1		2
23	NSS	BODY	Valve Section – Order Ref. 1		1
24	6656335	KIT	W/Ref. 6,8,10,11&13-Inc. qtys. to service complete valve stack		1

Both new and rebuilt starters are available from Melroe.



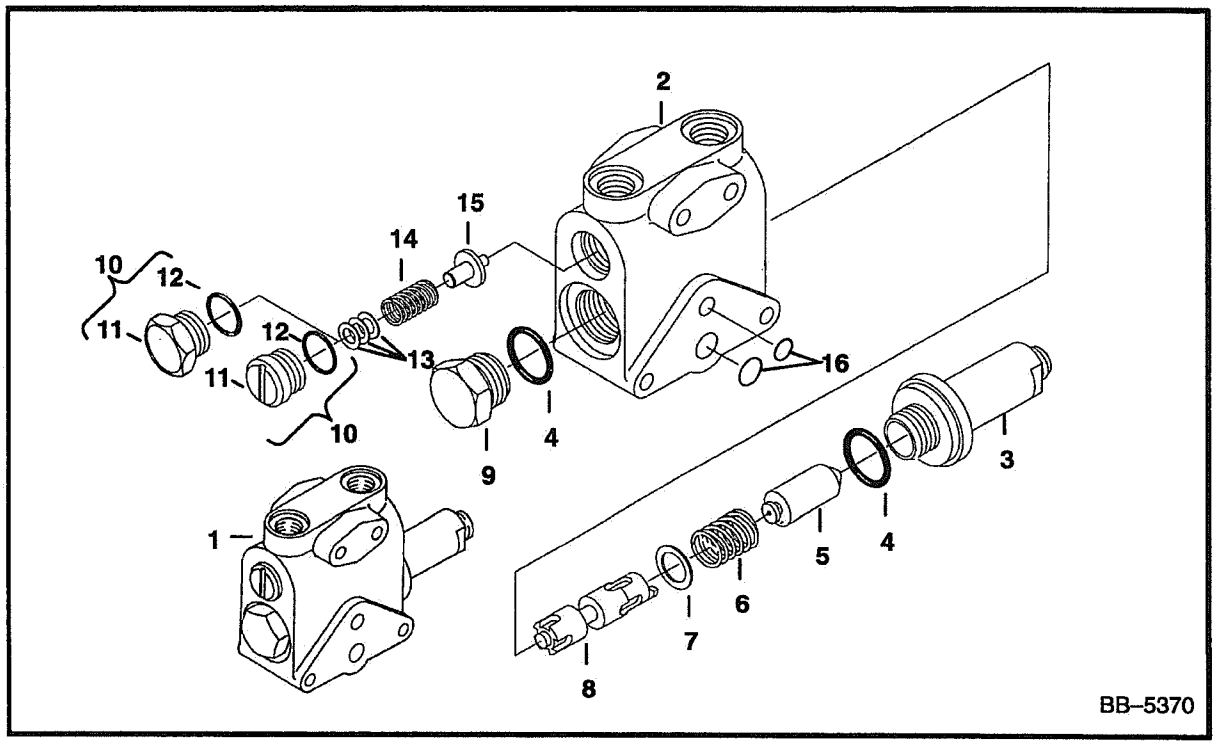
Available from Melroe Parts.

VALVE – CONTROL S/N ABOVE
S/N 208913336 & Above – S/N 209211202 & Above – S/N 209011866 & Above
(HYDRAULIC SYSTEM)



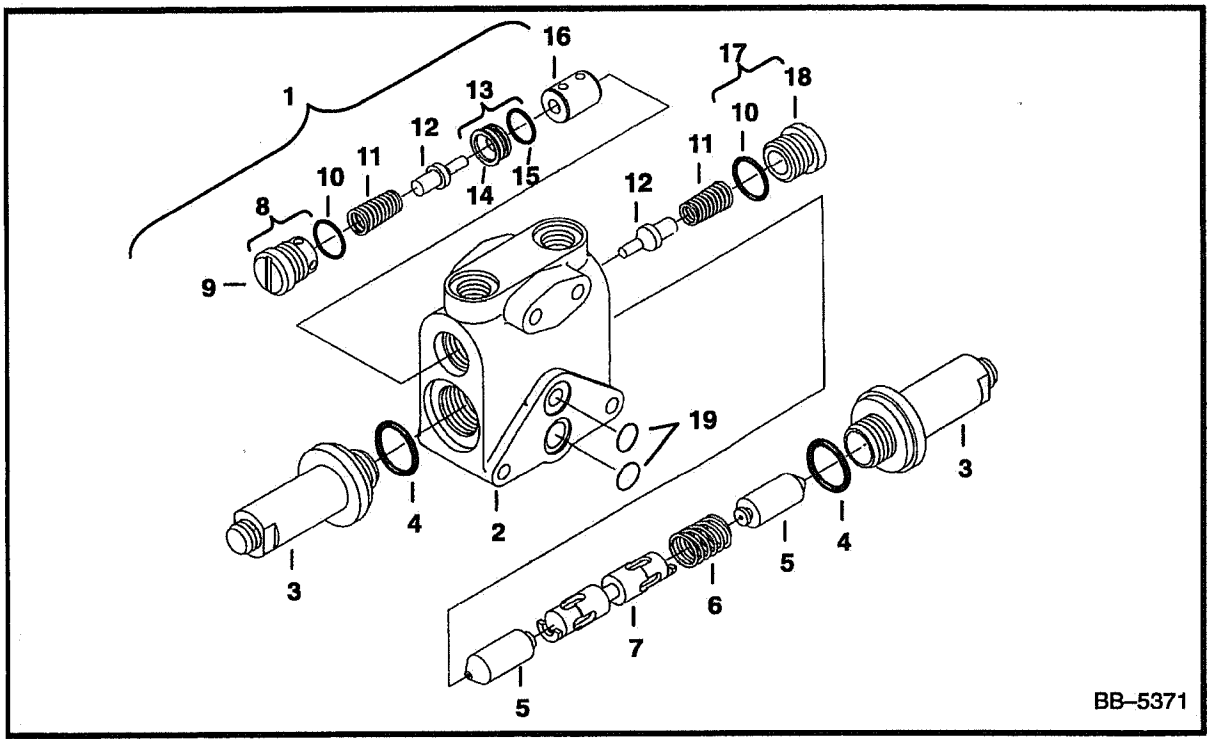
VALVE – CONTROL – S/N ABOVE (Cont'd)
S/N 208913336 & Above; S/N 209211202 & Above – S/N 209011866 & Above
(HYDRAULIC SYSTEM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6661370	VALVE	Assembly – W/Ref. 2–13		1
2		SECTION	See Page H21		1
3		SECTION	See Page H20		4
4		SECTION	Port – See Page H19		1
5	6656098	SOLENOID COIL			6
6	6656099	SOLENOID CASE			6
7	8D–8	NUT			10
8	6661710	NUT			1
9	6656100	BRACKET			2
10	6513925	O–RING			10
11	6656095	STUD			4
12	4E–4	WASHER			8
13	61D–4	NUT			8
14	6652910	ORIFICE	Boom lift, rod end only		1
15	79K–6	O–RING			12
16	672942	ELBOW	W/Ref. 15		2
17	17K–5	ELBOW	W/Ref. 15		10
18	6656335	KIT	Seal – Consists of 10 – 6656116 Poppet and all o–rings for 1		
			completeValve Stack Ref. 1 – 6661370		x
19	6662924	ORIFICE	Tip Lift		2



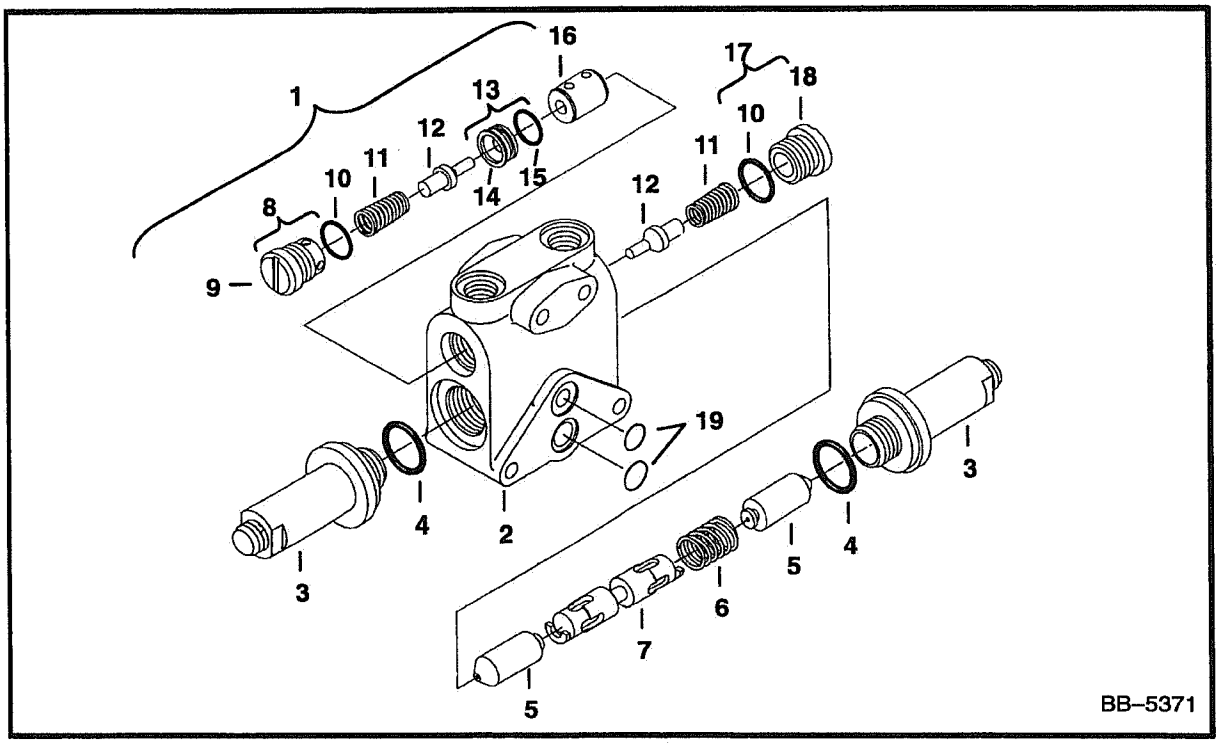
PORT SECTION – VALVE – S/N ABOVE
S/N 208913336 & Abv. – S/N 209211202 & Abv. – S/N 209011866 & Abv.
(HYDRAULIC SYSTEM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6670209	PORT SECTION	Assembly – W/Ref. 2–15 – Was 6661709 [A]		1
2	NSS	BODY	Order Ref. 1		1
3	6661700	SOLENOID CORE			1
4	79K–8	O–RING			2
5	6661701	PLUNGER			1
6	6661702	SPRING			1
7	6661703	WASHER			1
8	NSS	SPOOL	Order Ref. 1		1
9	6661704	PLUG			1
10	6656112	PLUG–O–RING	W/Ref. 11, 12 – Used only on Was #6661709 – Ref. 1		1
	6670208	PLUG–O–RING	W/Ref. 11, 12 – Used only on Was #6670209 – Ref. 1		1
11	NSS	PLUG	Order Ref. 10		1
12	6660125	O–RING	Used only on Was #6661709 – Ref. 1		1
	6634874	O–RING	Used only on 6670209 – Ref. 1		
13	894211	SHIM	.010		x
	896069	SHIM	.015		x
	6510043	SHIM	.035		x
14	6656101	SPRING			1
15	996350	POPPET			1
16	6513925	O–RING			2



SECTION – VALVE – S/N ABOVE
(S/N 208913336 & Abv. – S/N 209211202 & Abv. – S/N 209011866 & Abv.)
(HYDRAULIC SYSTEM)

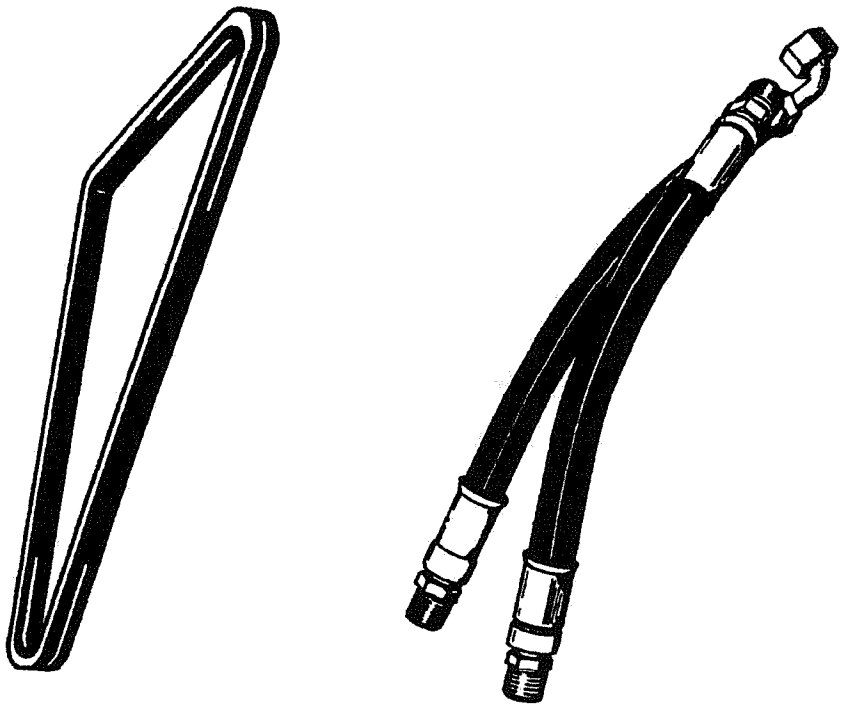
Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6661708	VALVE SECTION	Assembly – W/Ref. 2–18		4
2	NSS	BODY	Order Ref. 1		1
3	6661700	SOLENOID CORE			2
4	79K–8	O–RING			2
5	6661701	PLUNGER			2
6	6661702	SPRING			1
7	NSS	SPOOL	Order Ref. 1		1
8	6656115	PLUG–O–RING	W/Ref. 9, 10		1
9	NSS	PLUG	Order Ref. 8		1
10	6660125	O–RING			2
11	6656114	SPRING			2
12	6656116	POPPET			2
13	6640711	SEAT–O–RING	W/Ref. 14, 15		1
14	NSS	SEAT	Order Ref. 13		1
15	6661705	O–RING			1
16	6661706	PLUNGER			1
17	6656112	PLUG–O–RING	W/Ref. 10, 18		1
18	NSS	PLUG	Order Ref. 17		1
19	6513925	O–RING			4



SECTION – VALVE – S/N ABOVE
(S/N 208913336 & Abv. – S/N 209211202 & Abv. – S/N 209011866 & Abv.)
(HYDRAULIC SYSTEM)

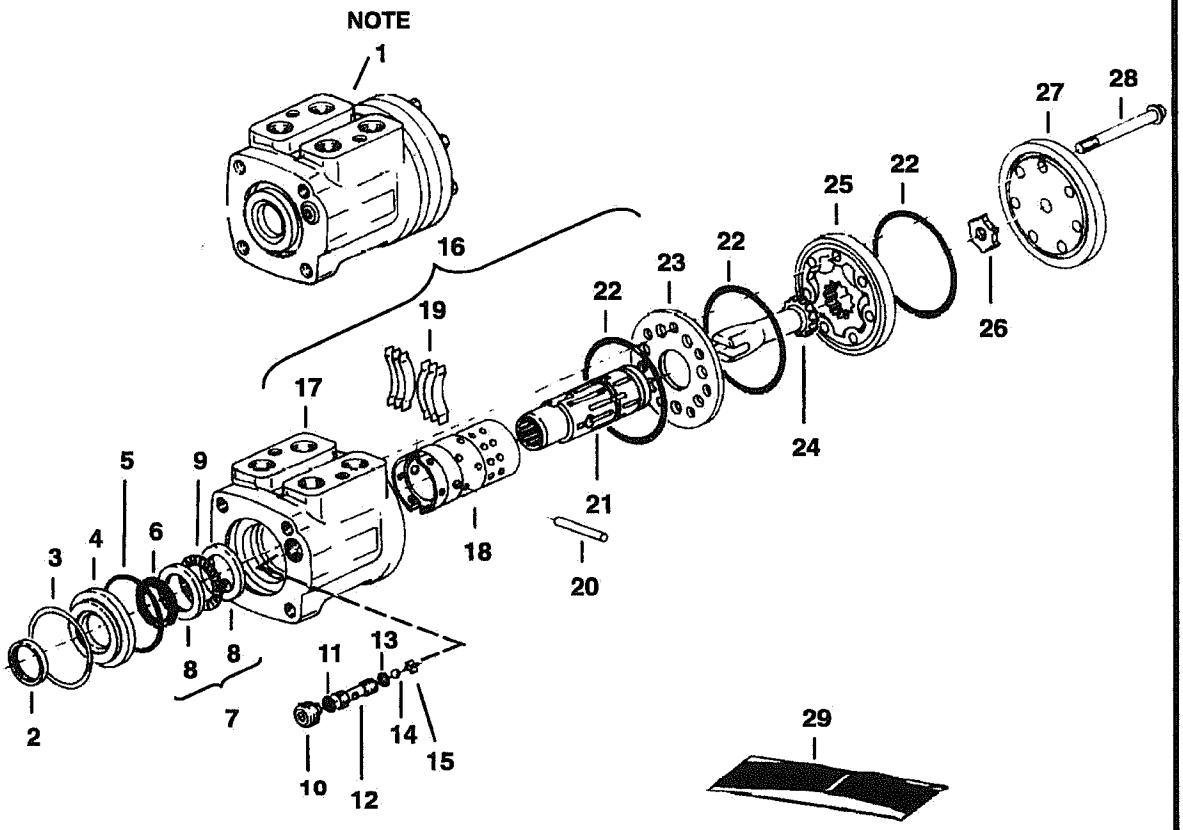
Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6661707	SECTION VALVE	Assembly – W/Ref. 2–18		1
2	NSS	BODY	Order Ref. 1		1
3	6661700	SOLENOID CORE			2
4	79K–8	O–RING			2
5	6661701	PLUNGER			2
6	6661702	SPRING			1
7	NSS	SPOOL	Order Ref. 1		1
8	6656115	PLUG–O–RING	W/Ref. 9, 10		1
9	NSS	PLUG	Order Ref. 8		1
10	6660125	O–RING			2
11	6656114	SPRING			2
12	6656116	POPPET			2
13	6640711	SEAT–O–RING	W/Ref. 14, 15		1
14	NSS	SEAT	Order Ref. 13		1
15	6661705	O–RING			1
16	6661706	PLUNGER			1
17	6656112	PLUG–O–RING	W/Ref. 10, 18		1
18	NSS	PLUG	Order Ref. 17		1
19	6513925	O–RING			4

Use only Melroe belts and hoses to maintain maximum service life.



Available from Melroe Parts.

CONTROL UNIT STEERING – S/N BELOW
(HYDRAULIC SYSTEM)



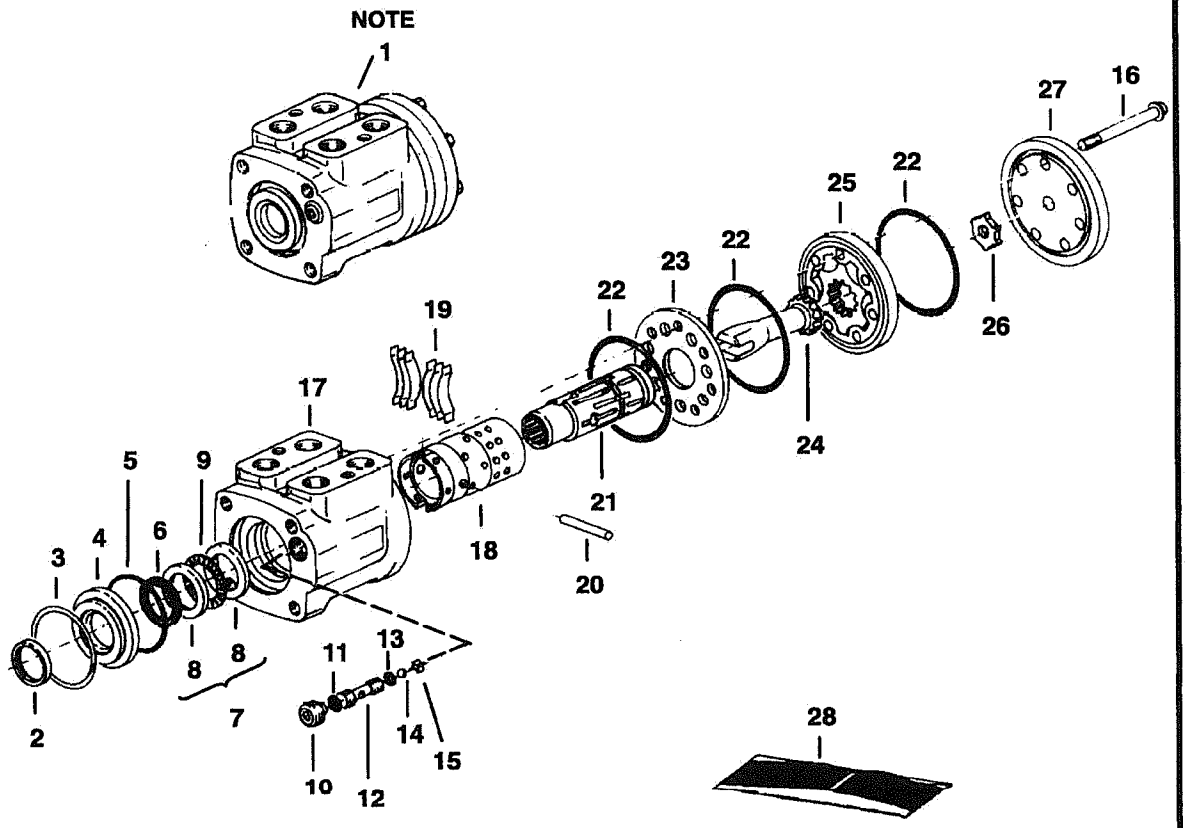
NOTE: Used on Model 220 S/N and Below.

BC–5302

CONTROL UNIT STEERING – S/N BELOW (Cont'd)
(HYDRAULIC SYSTEM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6649820	CONTROL UNIT	Complete – W/Ref. 2–28 – See Note	209211287 & Bel. 208914047 & Bel.	1
2	NSS	SEAL	Order Ref. 29		1
3	6650606	RING			1
4	996374	BUSHING			1
5	NSS	SEAL	Order Ref. 29		1
6	NSS	SEAL	Order Ref. 29		1
7	963287	BEARING	Needle – W/Ref. 8, 9		1
8	NSS	BEARING	Race – Order Ref. 7		2
9	NSS	BEARING	Needle Thrust – Order Ref. 7		1
10	906138	SET SCREW			1
11	NSS	SEAL	Order Kit Ref. 29		1
12	5295076	SEAT			1
13	NSS	SEAL	Order Ref. 29		1
14	5295075	BALL CHECK			1
15	5295074	RETAINER			1
16	6656034	CONTROL PARTS	W/Ref. 17–21		1
17	NSS	HOUSING	Order Ref. 16		1
18	NSS	SLEEVE	Order Ref. 16		1
19	6633738	SPRING			6
20	6651432	PIN			1
21	NSS	SPOOL	Order Ref. 16		1
22	NSS	SEAL	Order Ref. 29		3
23	6635659	PLATE			1
24	1567085	DRIVE			1
25	6656033	GEROTOR			1
26	6646754	SPACER			1
27	6635662	CAP			1
28	6519147	BOLT			7
29	905074	SEAL KIT	W/Ref. 2, 5, 6, 11, 13 & 22		1

CONTROL UNIT STEERING – S/N ABOVE
(HYDRAULIC SYSTEM)

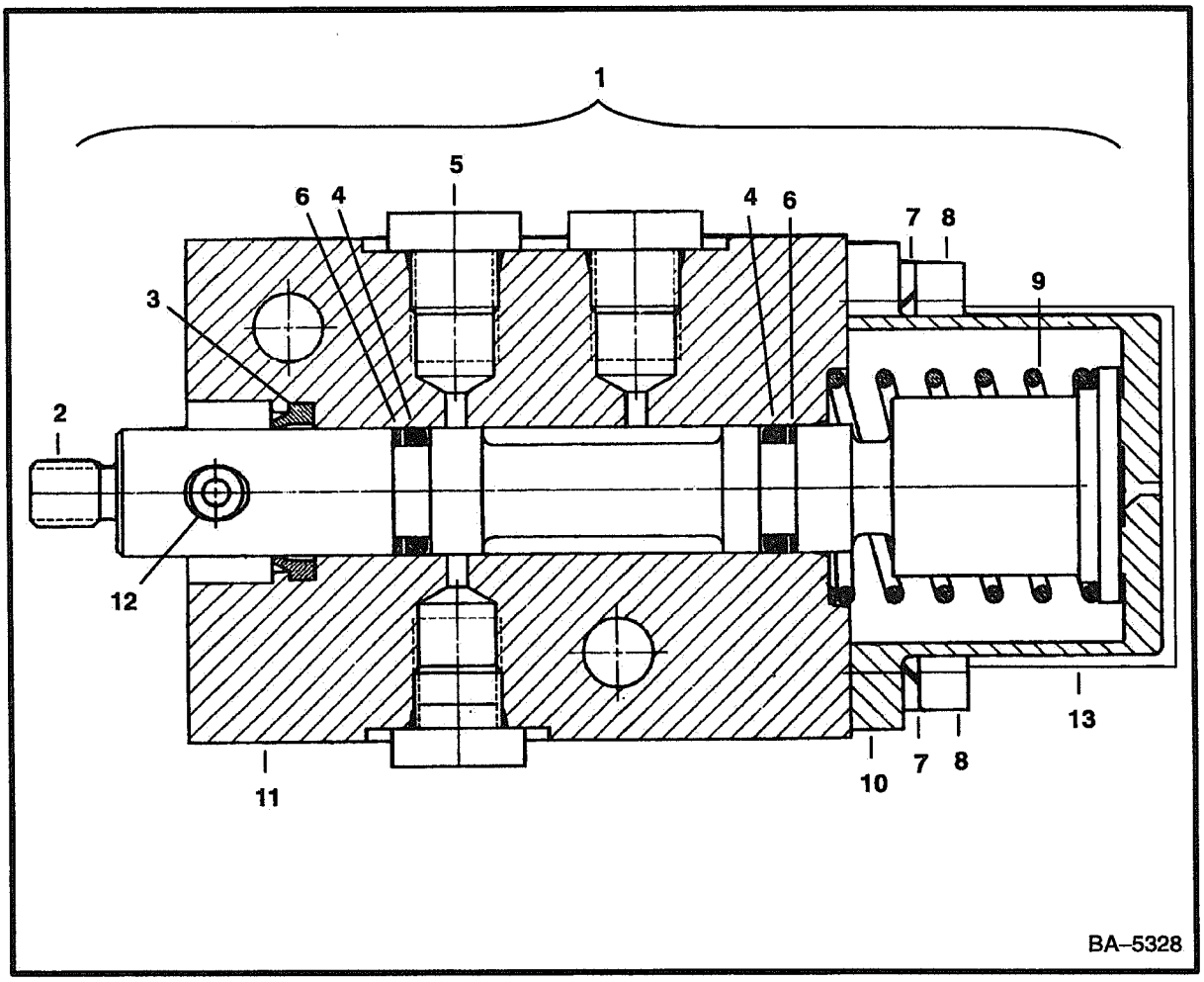


NOTE: Used on Model 220 S/N and Above.

BC–5302

CONTROL UNIT STEERING – S/N ABOVE (Cont'd)
(HYDRAULIC SYSTEM)

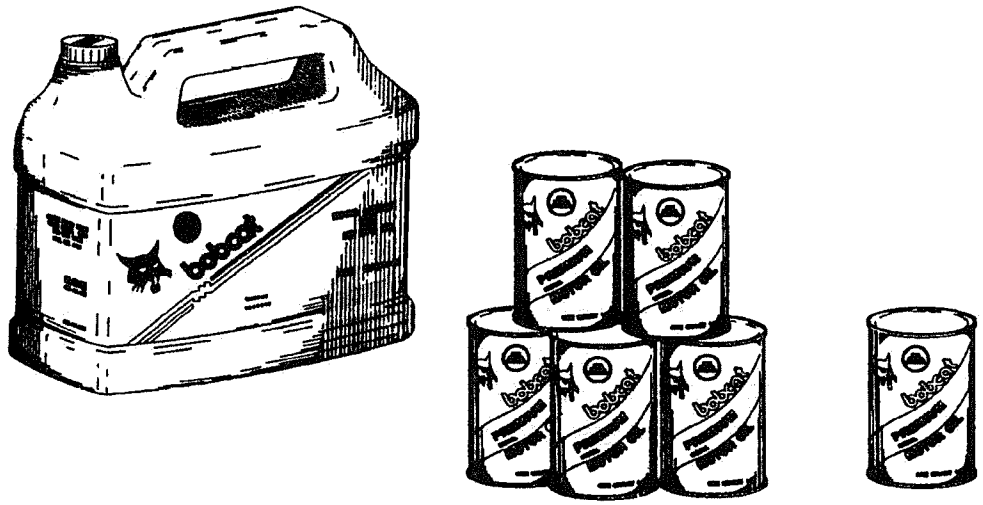
Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6667152	CONTROL UNIT	Complete – W/Ref. 2 – 27 See Note	208914048 & Abv. 208911288 & Abv.	 1
2	NSS	SEAL	Order Ref. 28		1
3	6650606	RING			1
4	996374	BUSHING			1
5	NSS	SEAL	Order Ref. 28		1
6	NSS	SEAL	Order Ref. 28		1
7	963287	KIT	Needle – W/Ref. 8, 9		1
8	NSS	BEARING	Race – Order Ref. 7		2
9	NSS	BEARING	Needle Thrust – Order Ref. 7		1
10	906138	SET SCREW			1
11	NSS	SEAL	Order Ref. 28		1
12	5295076	SEAT			1
13	NSS	SEAL	Order Ref. 28		1
14	5295075	BALL CHECK			1
15	5295074	RETAINER			1
16	6668823	BOLT			7
17	NSS	HOUSING	Order Ref. 1		1
18	NSS	SLEEVE	Order Ref. 1		1
19	6633738	SPRING			6
20	6651432	PIN			1
21	NSS	SPOOL	Order Ref. 1		1
22	NSS	SEAL	Order Ref. 28		3
23	6668824	PLATE			1
24	1567085	DRIVE			1
25	6668825	GEROTOR			1
26	6646754	SPACER			1
27	6668821	CAP			1
28	6668822	SEAL KIT	W/Ref. 2, 5, 6, 11, 13, 22		1



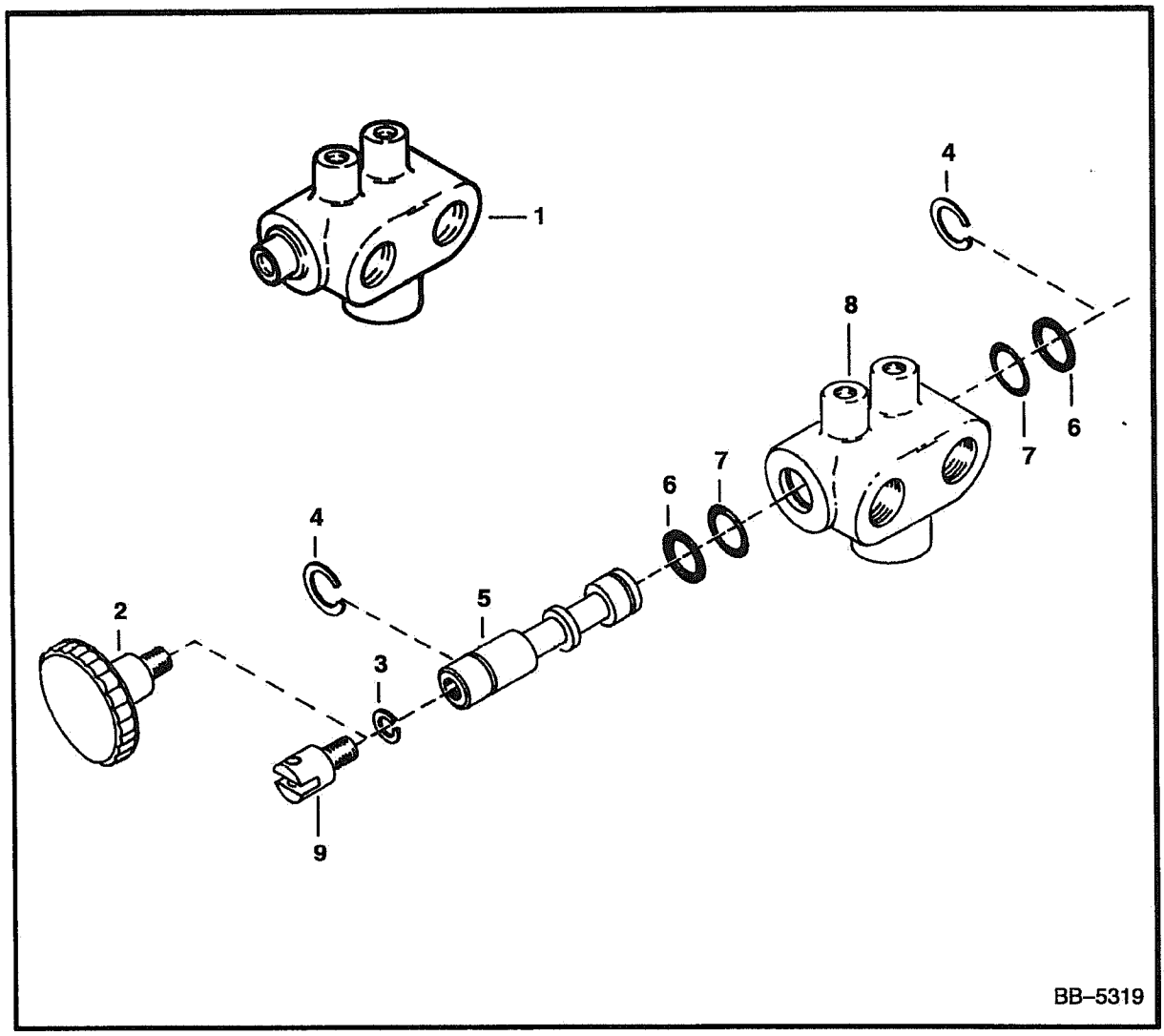
VALVE – TOW
(Model 220 - All – Model 230 – S/N 209011101 & Above)
(HYDRAULIC SYSTEM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6618070	VALVE	Tow – W/Ref. 2–12		1
2	6618068	SPOOL			1
3	6654025	SEAL	Wiper		1
4	6647876	O–RING			2
5	6630179	PLUG			3
6	6654241	RING	Back–up		2
7	22E–4	WASHER	Lock H Collar – Used Only W/.25" Flange		2
8	69G–412	BOLT	Use W/.25" Flange		2
	6588163	BOLT	Use W/.50" Flange		2
9	6593366	SPRING			1
10	NAP	BONNET	.25" Flange – Order 6587633, 6662848, 2 of 6588163 – Was 6592097 [A]		1
	6587633	BONNET	.50" Flange		1
11	6618069	BLOCK			1
12	14J–2524	PIN			1
13	6662848	CAP	Used W/.50" Flange		1

Melroe has engine oil blended to our specifications which meet or exceed the highest demands of your engine.

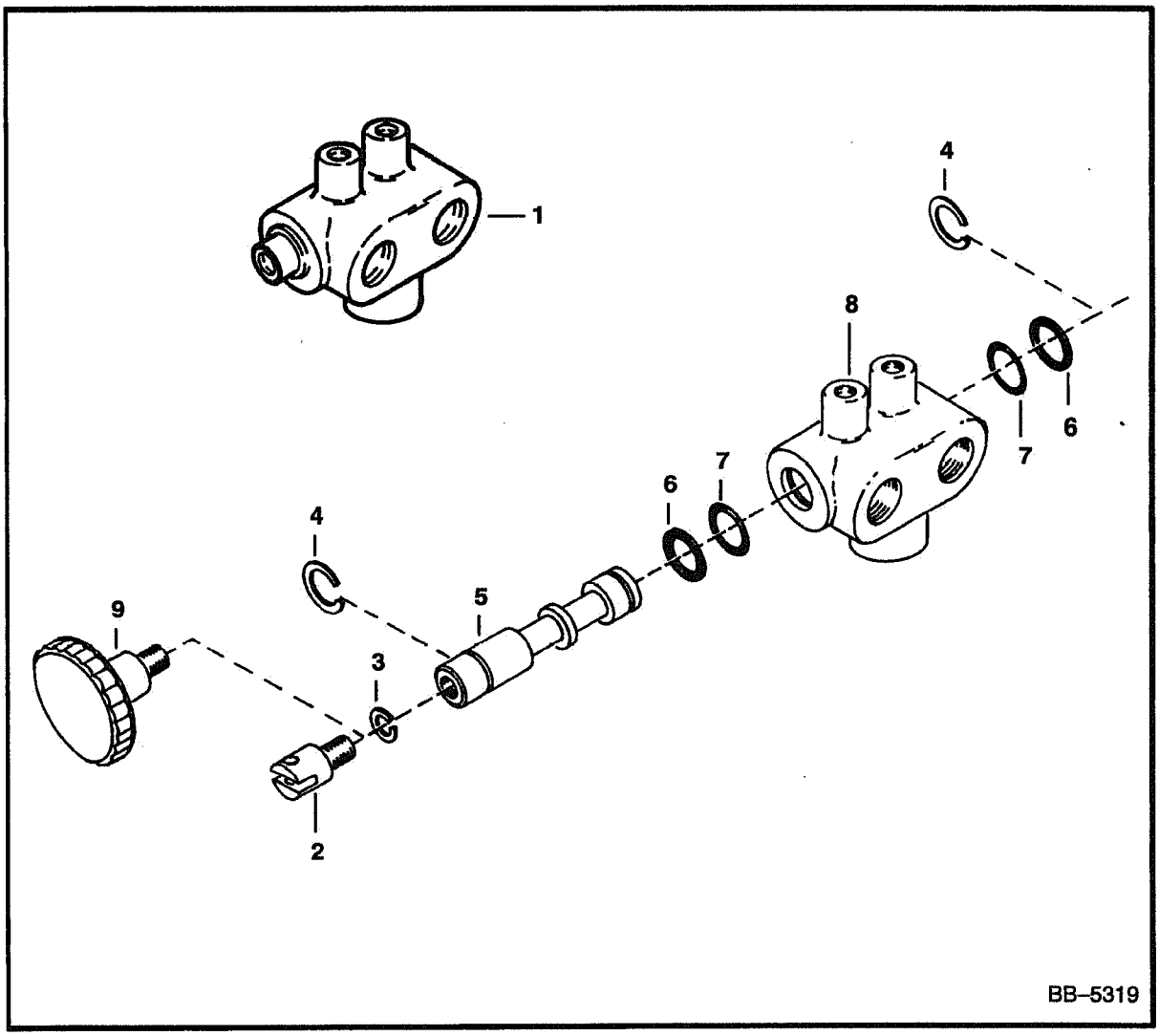


Available from Melroe Parts.



VALVE 2 POSITION FLOAT – MODEL 230 – S/N ABOVE (HYDRAULIC SYSTEM)

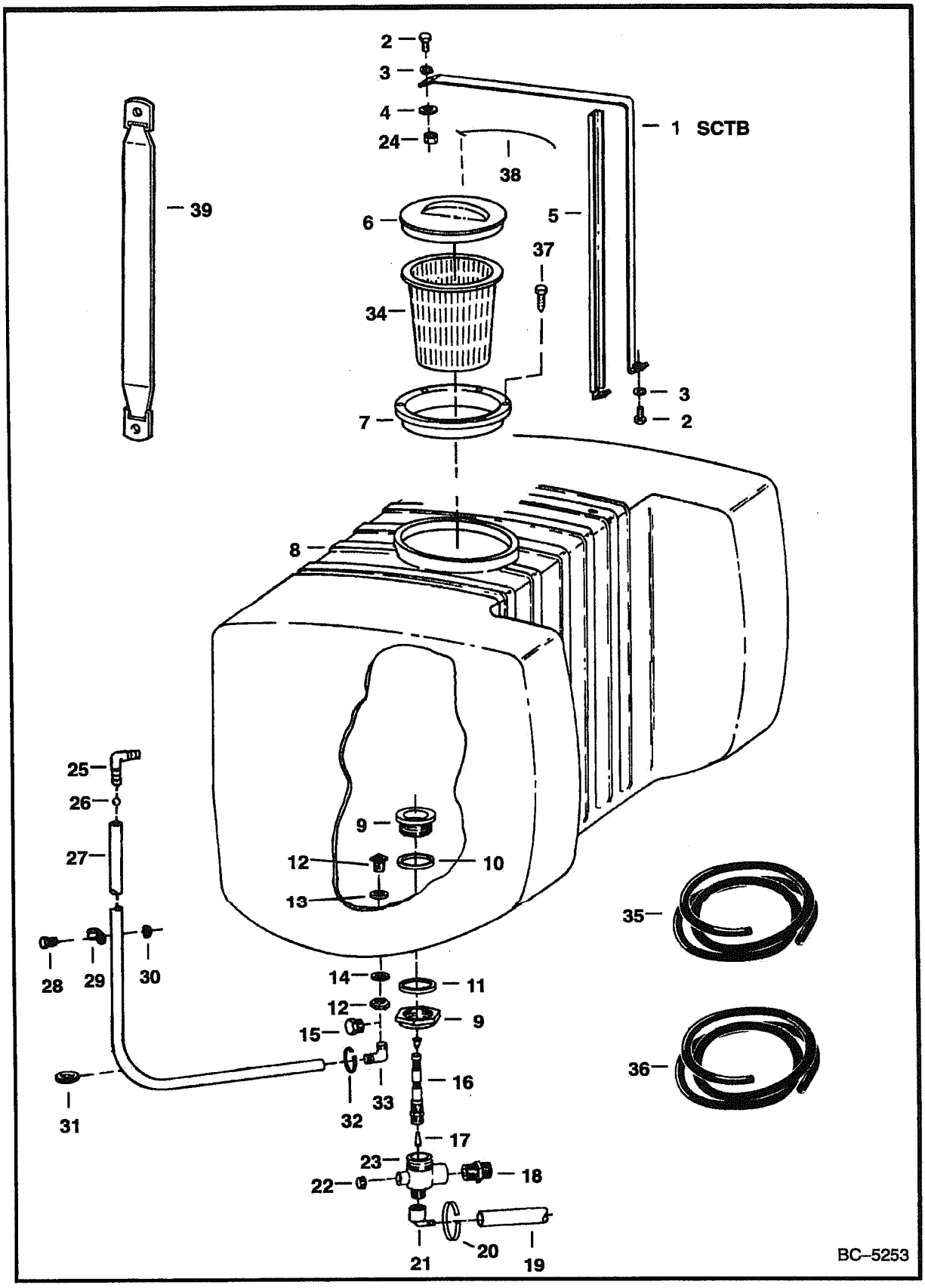
Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6664973	VALVE	W/Ref. 3 – 9	209111101 & Abv.	1
2	6658541	HANDLE			1
3	6656069	WASHER			1
4	6656067	RING	Retaining		2
5	NSS	SPOOL	Selector – is mated w/Ref. 8 – Order Ref. 1		1
6	6665091	RING	Back–Up		2
7	6656066	SEAL	O–ring		2
8	NSS	HOUSING	Order Ref. 1		1
9	6656070	CLEVIS			1



VALVE 2 POSITION FLOAT – MODEL 230 – S/N BELOW (HYDRAULIC SYSTEM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6649958	VALVE	Assy. – 2 Position Float – W/Ref. 3-8, W/O Ref. 9	209011100 & Bel.	1
	NAP	VALVE	Assy. – 2 Position Float – W/Ref. 3-8, W/O Ref. 2 –Order 6664973 – Page I5 , Ref. 1 – Was 6655392 [A]	209011101 & Abv.	1
2	6656070	CLEVIS	Use With P/N 6649958 – Ref. 1		1
3	6656069	WASHER			1
4	6656067	RING	Retaining		2
5	6656068	SPOOL	Selector		1
6	6656065	RING	Back–Up		2
7	6656066	SEAL	O–ring		2
8	NSS	HOUSING	Order Ref. 1		1
9	6658541	HANDLE	Use With PN 6655392 – Ref. 1		1

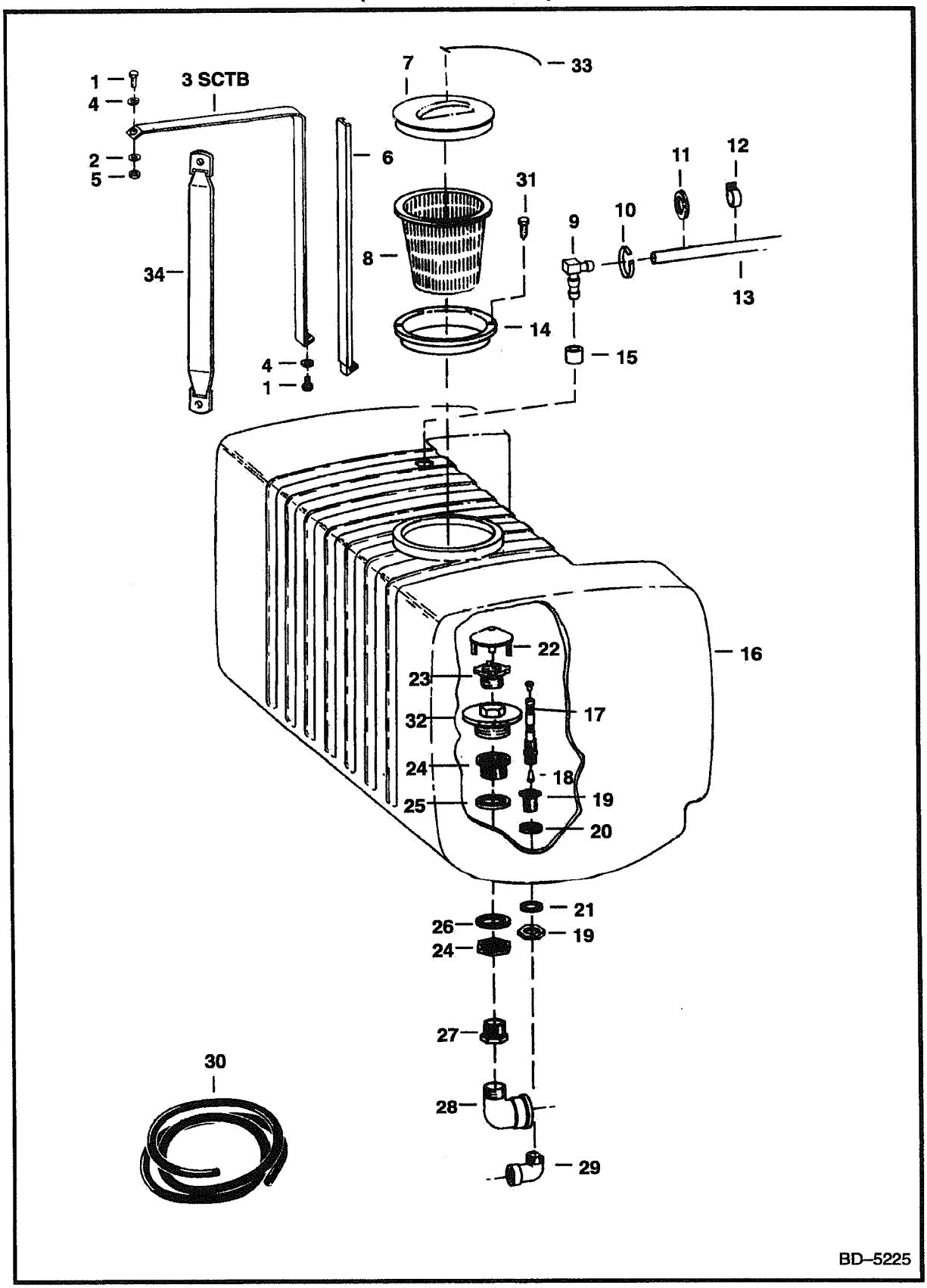
TANK – (Model 220 S/N 6537 & Below)
(SPRAY SYSTEM)



TANK – (Model 220 S/N 6537 & Below) (Cont'd)
(SPRAY SYSTEM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	NAP	STRAP	Order Ref. 39 – See SCTB – SCO12 – Was 6625305 [A]		3
2	17C–620	BOLT			6
3	4E–6	WASHER			6
4	25E–16	WASHER			3
5	NAP	CHANNEL	Order Ref. 39 – Was 6625326 [A]		3
6	6611583	LID	Tab type		1
	6664549	LID	Screw Type – Was 6661228 [A]		1
7	6612369	COLLAR	Used With Lid 6611583		1
	6664548	COLLAR	Used With Lid 6664549 – Was 6661227 [A]		1
8	6624541	TANK	210 Gals. – W/Ref. 6, 7, 9–11, 12–14–16, 17 & 34		1
9	6620483	FITTING	W/Ref. 10 & 11 – Was 6660985 [D]		1
10	6623179	GASKET	Rubber		1
11	6623178	WASHER	Plastic		1
12	6512905	FITTING	W/Ref. 13& 14		1
13	6611576	GASKET	Rubber 1–3/8" O.D.		1
14	6611577	WASHER	Plastic 1–3/8" O.D.		1
15	6511084	FITTING	Plug		1
16	6620467	AGITATOR	Complete – W/Ref. 17		1
17	6624325	ORIFICE	White 1/4"		1
	6624326	ORIFICE	Blue 3/16"		1
	6624327	ORIFICE	Black 1/8" – Was Yellow		1
	6624328	ORIFICE	Red 5/32"		1
18	6512271	ADAPTER	See Page I14, Ref. 1		1
19	NAP	HOSE	62" (1574,8mm) Long – Order Ref. 35– See Page J2, Ref. 1		1
20	42H–8	CLAMP			1
21	6620830	ELBOW			1
22	6511071	PLUG			1
23	6620474	ADAPTOR	Tank 2" – W/Ref. 22		1
24	61D–6	NUT			3
25	6610024	ELBOW			1
26	NAP	BALL	Cork – Was 6610207 [A]		1
27	NAP	TUBE	78" Long – Order Ref. 36		1
28	17C–408	BOLT			2
29	30H–45	CLAMP	Insulated		2
30	83D–4	NUT	Was 6599341 [A]		2
31	6620411	GROMMET			1
32	42H–6	HOSE CLAMP			1
33	6511063	ELBOW			1
34	6652825	STRAINER	Used With Lid 6611583		1
	6661226	STRAINER	Used With Lid 6664549		1
35	NAP	HOSE – 1/2" ID	Bulk – Sold Per Foot – Was 6624274 [A]		x
36	6610984	HOSE – 1/2" ID	Bulk – Sold Per Foot		x
37	58G–1016	SCREW	Was 6662800 [A]		8
38	6664547	STRAP			1
39	6801158	STRAP	Tank – Polyester		3

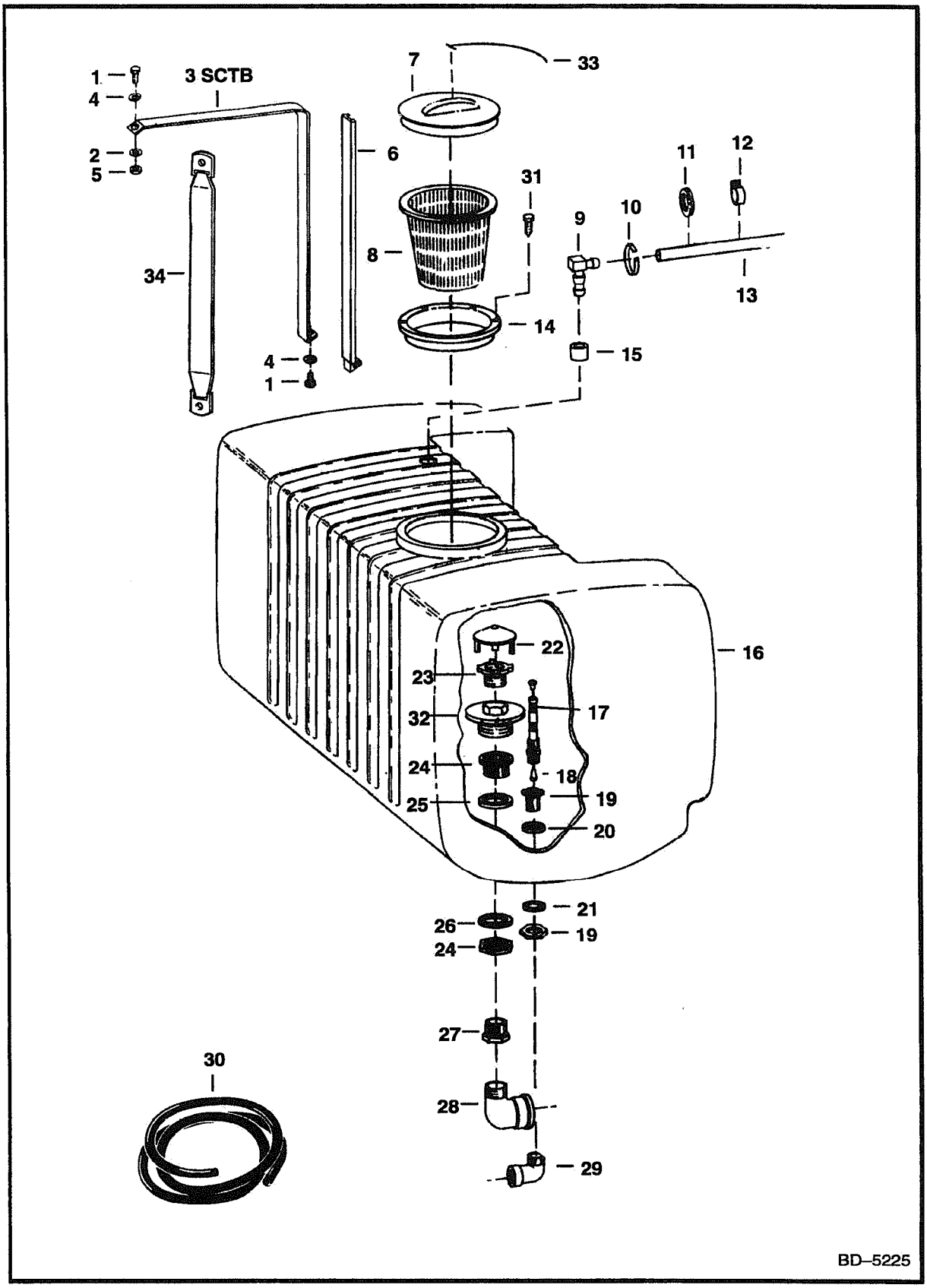
TANK – MODEL 220 & 230
Model 220 S/N 208911001 & Above – Model 230 S/N 209011001 & Above
(SPRAY SYSTEM)



TANK – MODEL 230 & 230 (Cont'd)
Model 220 S/N 208911001 & Above – Model 230 S/N 209011001 & Above
(SPRAY SYSTEM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	17C–620	BOLT			6
2	25E–16	WASHER			3
3*	NAP	STRAP	Order Ref. 33 – See SCTB – SC012 – Was 6625305 [A]		3
4	4E–6	WASHER			6
5	61D–6	NUT			3
6	NAP	CHANNEL	Order Ref. 33 – Was 6625326 [A]		3
7	6611583	LID	Tab Type	208913589 & Bel. 209211240 & Bel.	
	6664549	LID	Screw Type – Was 6661228 [A]	209011999 & Bel. 208913590 & Abv. 209211241 & Abv. 209012000 & Abv.	1
8	6652825	STRAINER	Use With Lid 6611583		1
	6661226	STRAINER	Use With Lid 6664549		1
9	6598908	FITTING			1
10	6515575	HOSE CLAMP			1
11	742876	GROMMET			1
12	30H–53	CLIP	Insulated		1
13	NAP	HOSE	80.50" Long – Order Ref. 30 See Page I20, Ref. 33		1
14	6612369	COLLAR	Used With Lid 6611583	208913589 & Bel. 209211240 & Bel. 209011999 & Bel.	1
	6664548	COLLAR	Used With Lid 6664549	208913590 & Abv. 209211241 & Abv. 209012000 & Abv.	1
15	6553411	BUSHING			1
16	6624541	TANK	210 Gals. – W/Ref. 7, 8, 14, 17,18 19–21, 24–26 , 32–33		1
17	6620467	AGITATOR	Complete W/Ref. 18		1
18	6624325	ORIFICE	White 1/4"		1
	6624326	ORIFICE	Blue 3/16"		1
	6624327	ORIFICE	Black 1/8" – Was Yellow		1
	6624328	ORIFICE	Red 5/32"		1
19	6512905	FITTING	Tank – W/Ref. 20 & 21		1
20	6611576	GASKET	Rubber		1
21	6611577	WASHER	Plastic		1
22	NAP	CAP	Anti-Vortex – Was 6650603		
23	NAP	FITTING	order Ref. 24, 32 Anti-Vortex Cap – Was 6650602 order Ref. 24, 32		1 1
24	6660985	FITTING	Tank – W/Ref. 25 & 26		1
25	6623179	GASKET	Rubber		1
26	6623178	WASHER	Plastic		1
27	6647437	FITTING	Not used on all tanks		1
28	6660906	ELBOW	See Page I22, Ref. 61 – Was 6647438 [A]		1

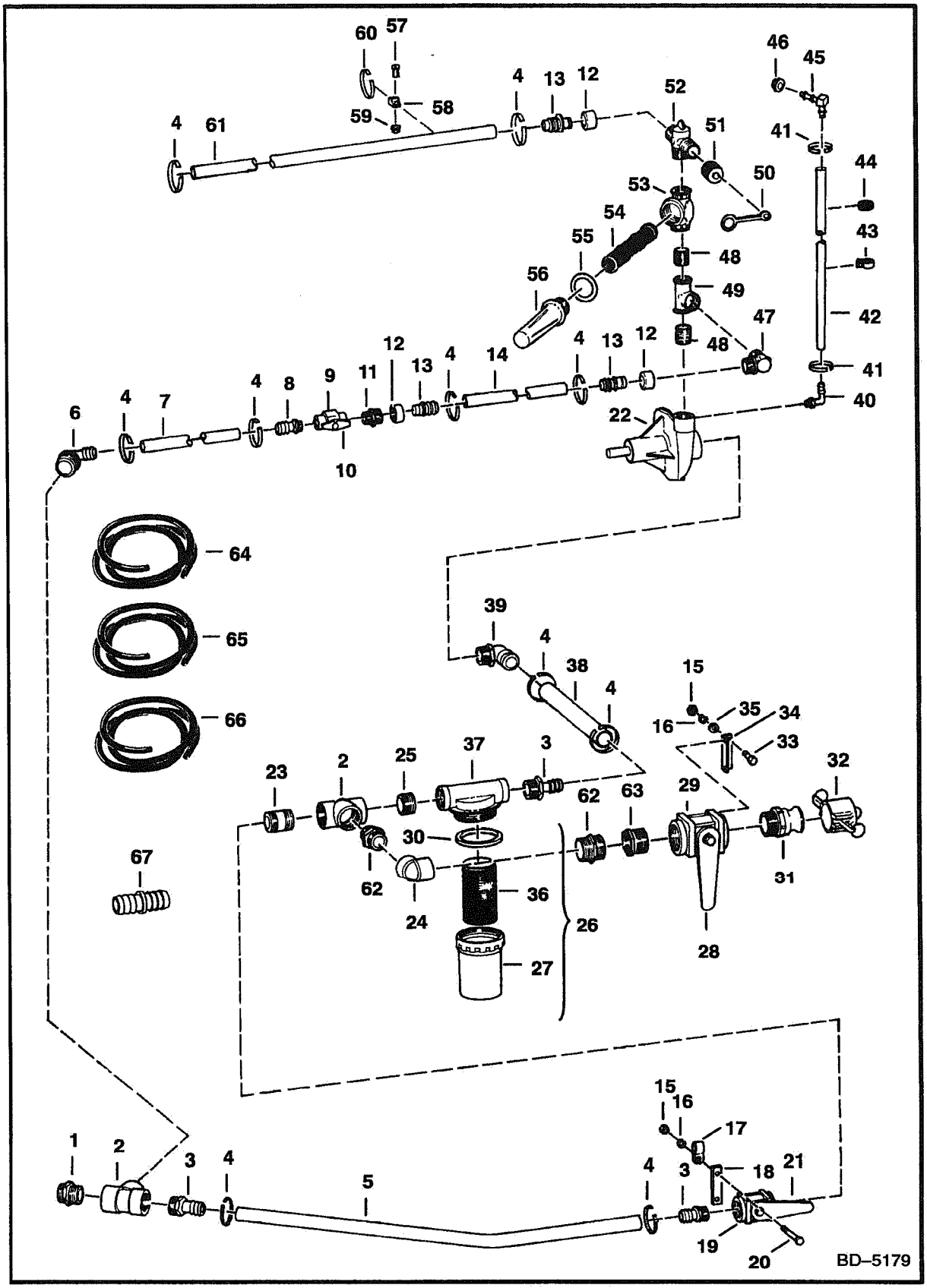
TANK – MODEL 220 & 230 (Cont'd)
Model 220 S/N 208911001 & Above – Model 230 S/N 209011001 & Above
(SPRAY SYSTEM)



TANK – MODEL 220 & 230 (Cont'd)
Model 220 S/N 208911001 & Above – Model 230 S/N 209011001 & Above
(SPRAY SYSTEM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
29	6647662	ELBOW	See Page I20, Ref. 6		1
30	6613540	HOSE – 1/4" ID	Bulk – Sold Per Foot		x
31	58G–1016	SCREW	Was 6662800 [A]		9
32	6626425	FITTING	Anti-Vortex	208913226 & Abv. 209211181 & Abv. 209011824 & Abv.	1
33	6664547	STRAP			1
34	6801158	STRAP	Tank – Polyester		3

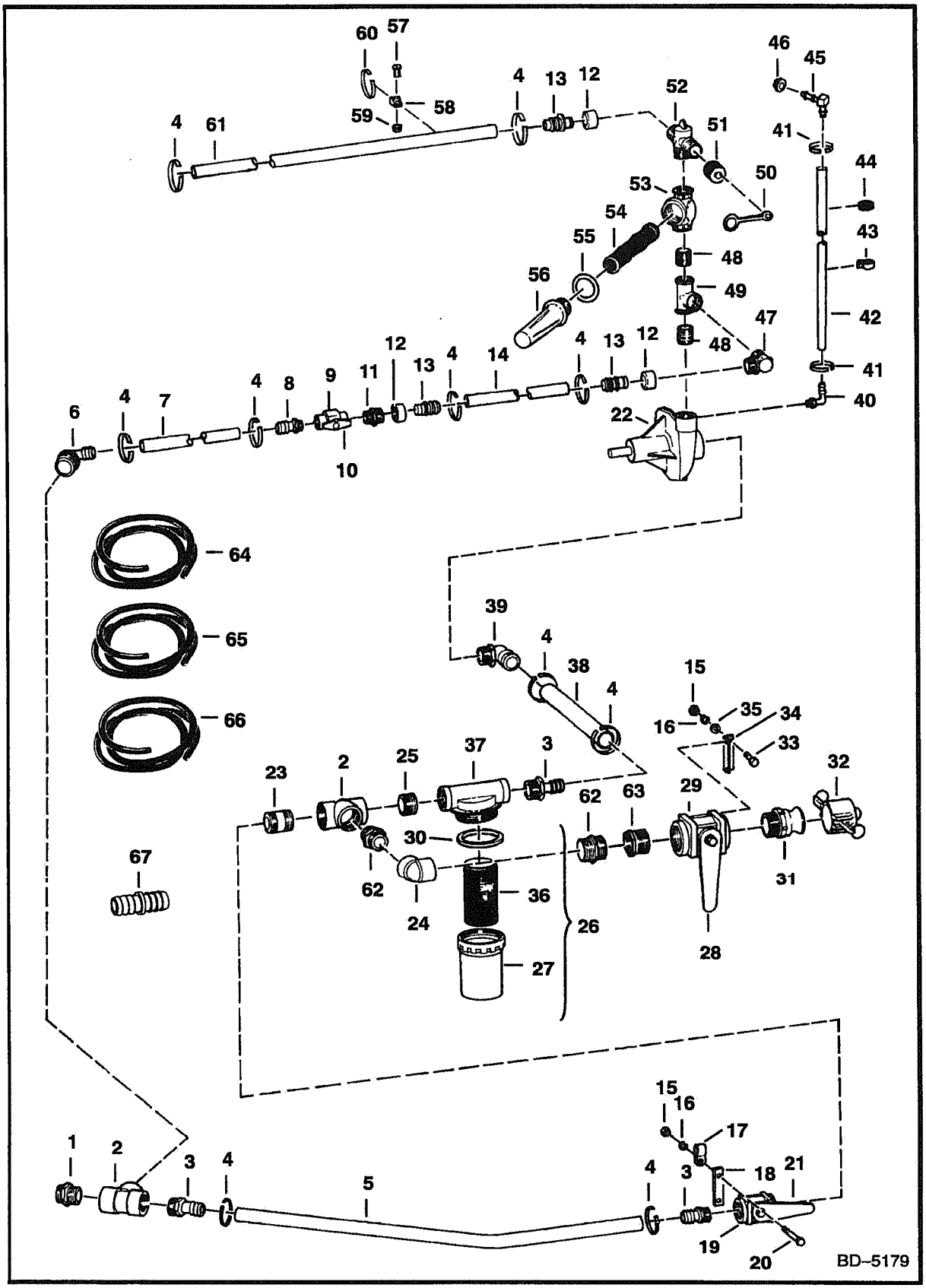
FILTER, FITTINGS & PUMP – MODEL 220
Model 220 S/N 6537 & Below
(SPRAY SYSTEM)



FILTER, FITTINGS & PUMP (Cont'd)
Model 220 S/N 6537 & Below
(SPRAY SYSTEM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6512271	ADAPTER	See Page I8, Ref.18		1
2	6660910	TEE	Was 6648979 [A]		2
3	6512277	ADAPTER			3
4	6666864	CLAMP	Was 42H-20 [A]		10
5	NAP	HOSE	24.75" Long – Order Ref. 64		1
6	6511089	ELBOW			1
7	NAP	HOSE	18" (457,2mm) Long – Order Ref. 65		1
8	6511078	INSERT	Hose Barb		1
9	6647455	VALVE	Ball – W/Ref. 10		1
10	NSS	HANDLE	Ball Valve – Order Ref. 9		1
11	6625103	FITTING			1
12	6624270	NUT			3
13	6624272	ADAPTER	Swivel		3
14	NAP	HOSE	26.75" (679,45mm) Long – Order Ref. 65		1
15	61D-6	NUT			4
16	4E-6	WASHER			4
17	30H-60	CLAMP	Insulated		1
18	6624444	STRAP	Valve Mounting		1
19	6624441	VALVE	Ball – W/Handle, Ref. 21		1
20	17C-664	BOLT			2
21	6624448	HANDLE	Ball Valve		1
22		PUMP	Hypro – See Page K8		1
		CLUTCH	Electric – See Page K9 & K10		1
23	6625433	NIPPLE			1
24	6624445	ELBOW			1
25	6625327	NIPPLE			1
26	6633590	FILTER	Assy. – Newer Style – Complete W/Ref. 27, 30, 36 & 37		1
	NAP	FILTER	Assy. – Older Style – Service filter components individually. Uses Ref. 27, 30, 36 & 37		1
27	6647757	BOWL	Filter – Newer Style – 4.25" Long x 3.25" I.D. thread size. Used W/Ref. 26		1
	NAP	BOWL	Filter - Older Style - 5.125" Long x 3.875" thread size. Used W/Ref. 26 Subject to Melroe inventory. When out, must order complete filter Assy., Ref. 26 P/N 6633590 – Was 6611585		1
28	6624377	HANDLE	Ball Valve		1
29	6624114	VALVE	Ball – W/Handle, Ref. 28		1

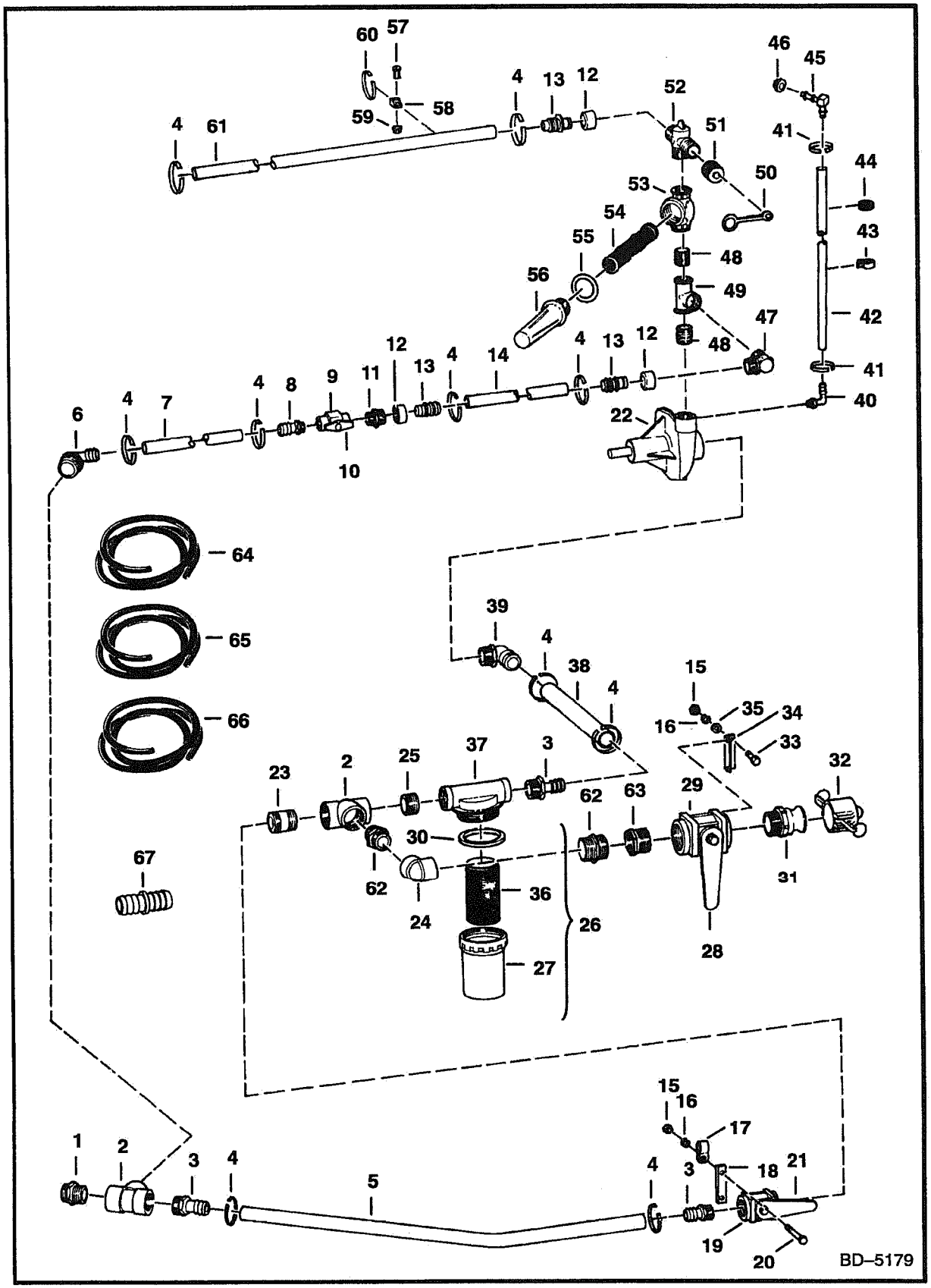
FILTER, FITTINGS & PUMP – MODEL 220 (Cont'd)
Model 220 S/N 6537 & Below
(SPRAY SYSTEM)



FILTER, FITTINGS & PUMP – MODEL 220 (Cont'd)
Model 220 S/N 6537 & Below
(SPRAY SYSTEM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
30	6620478	GASKET	O–Ring – Newer Style–2.875"I.D. Used W/Ref. 26		1
	6630557	GASKET	O–Ring – Older Style–3.875" I.D. Used W/Ref.26. Subject to Melroe inventory. When out, must order complete filter assembly, Ref. 26 – P/N 6633590		1
31	6614966	ADAPTER			1
32	6614963	CAP			1
33	17C–616	BOLT			2
34	6626549	BRACKET	Was 6624443 [A]		1
35	25E–18	WASHER			2
36	6633589	SCREEN	40 Mesh – Newer Style – 4.625" Long x 2.25" ID Used W/Ref. 26		1
	6610415	SCREEN	40 Mesh-Older Style – 5.25" Long x 2.25" Dia. Used W/Ref. 26 Subject to Melroe inventory. When out, must order complete filter assembly, Ref. 26 – P/N 6633590		1
37	6633588	CAP	Filter – Newer Style – 3.25" Bowl thread size. Used W/Ref. 26		1
	NAP	CAP	Filter - Older Style – 3.875" Bowl thread size. Used W/Ref. 27. Subject to Melroe inventory. When out, must order complete filter assembly, Ref. 26– P/N 6633590 – Was 6610691 [A]		1
38	NAP	HOSE	12" (304,8mm) Long – Order Ref. 64		x
39	6512310	ELBOW			1
40	6624564	ELBOW			1
41	6515575	HOSE CLAMP			2
42	NAP	HOSE	80.50" (2044,7mm) Long – Order Ref. 66		1
43	30H–53	CLIP	Insulated		1
44	742876	GROMMET			1
45	6598908	FITTING			1
46	6553411	BUSHING			1
47	6624266	ELBOW			1
48	5K–812	NIPPLE			2
49	18F–6	TEE			1
50	6625107	STRAP	Cap Retaining		1
51	6624317	CAP			1
52	6624271	TEE			1
53	6630579	HEAD	Strainer		1
54	6630578	SCREEN	Stainless Steel 80 Mesh		1

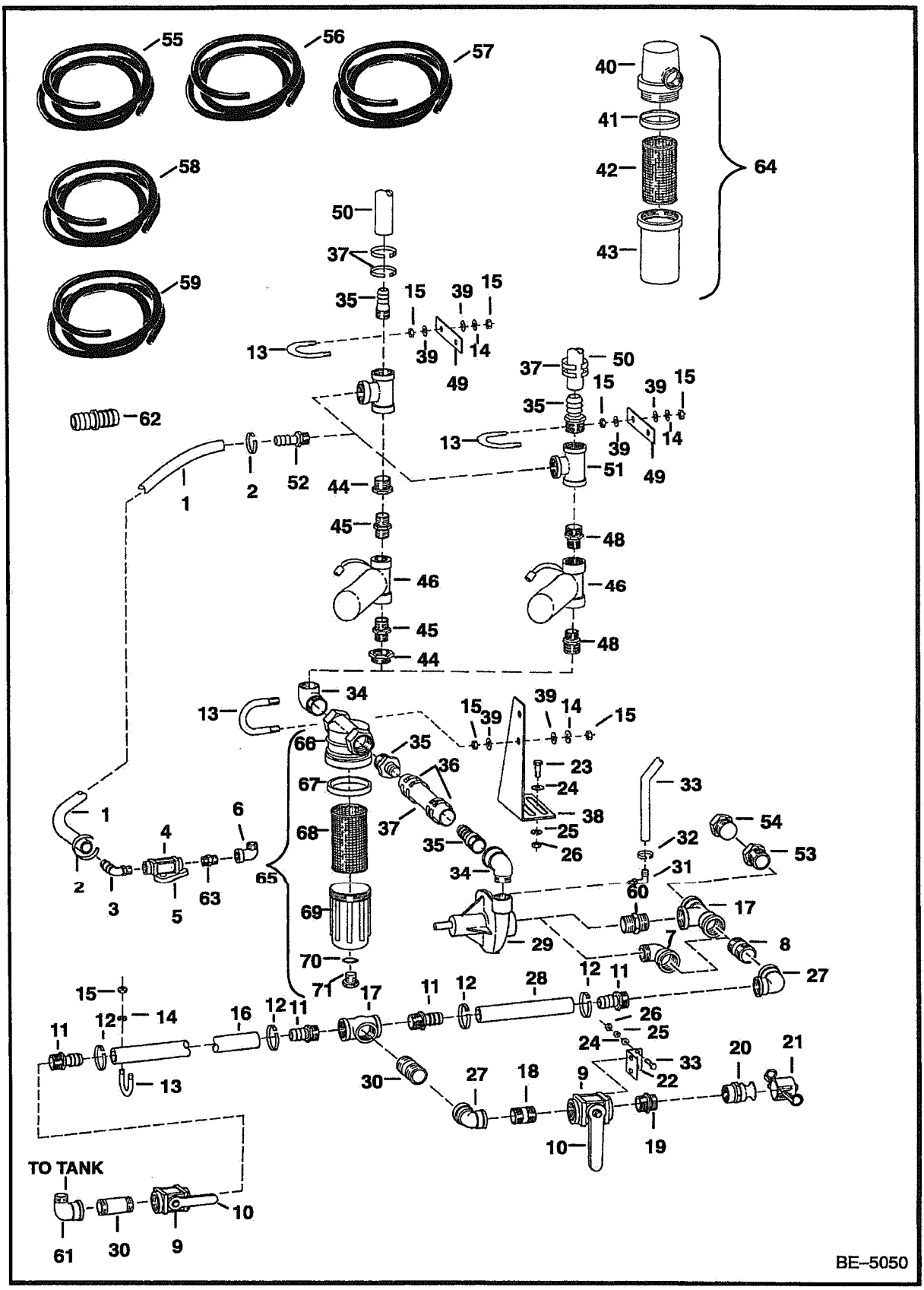
FILTER, FITTINGS & PUMP – MODEL 220 (Cont'd)
Model 220 S/N 6537 & Below
(SPRAY SYSTEM)



FILTER, FITTINGS & PUMP – MODEL 220 (Cont'd)
Model 220 S/N 6537 & Below
(SPRAY SYSTEM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
55	76K–226	O–RING			1
56	6630577	BOWL	Strainer		1
57	91G–412	BOLT			5
58	6623609	TAB	Mounting		5
59	83D–4	NUT			5
60	6624289	NYLON TIE			5
61	NAP	HOSE	21" (533,4mm) Long – Order Ref. 65 – See Page J2, Ref. 21		1
62	6512271	ADAPTER			2
63	6512270	REDUCER			1
64	6632155	HOSE – 1 1/4" ID	Bulk – Sold Per Foot		x
65	6632149	HOSE – 1" ID	Bulk – Sold Per Foot		x
66	6613540	HOSE – 1/4" ID	Bulk – Sold Per Foot		x
67		MENDERS	Hose – See Page K4, Ref. 24		x

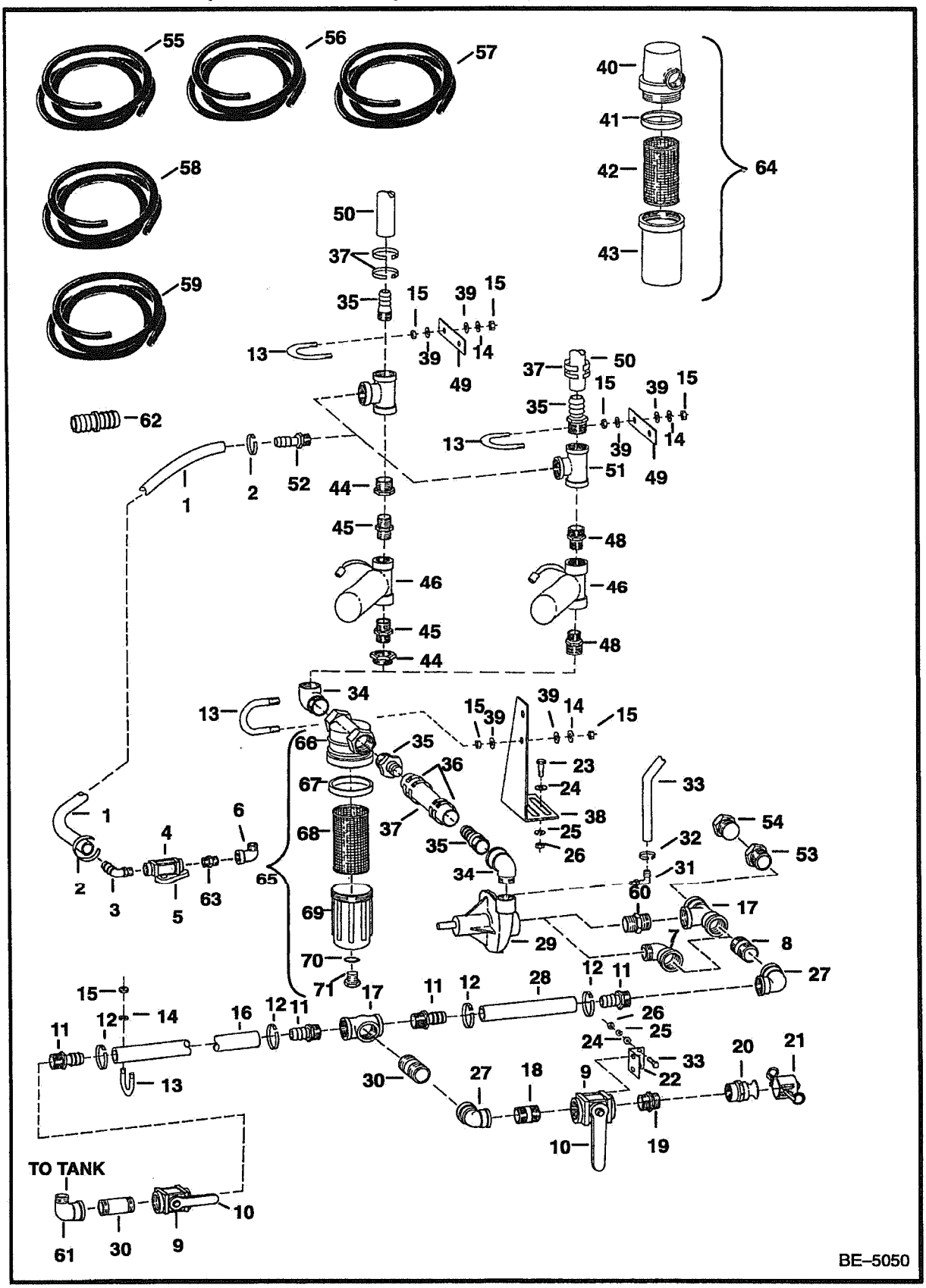
FILTER, FITTINGS & PUMP– MODEL 220 & 230
220-78 S/N 208911001 & Abv. – 220-72 S/N 209211001 & Abv.
(SPRAY SYSTEM) – 230 S/N 209011101 & Abv.



FILTER, FITTINGS & PUMP – MODEL 220 & 230 (Cont'd)
220-78 S/N 208911001 & Above – 230 S/N 209011101 & Above
(SPRAY SYSTEM) – 220–72 S/N 209211001 & Above

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	NAP	HOSE	Heat Resistant – 92" (2336,8mm) Long Order Ref. 55		1
2	44H–12	CLAMP			2
3	6511066	ELBOW			1
4	6667204	VALVE	Ball W/Handle – Ref. 5 – Was 6647455 [A]		1
5	NSS	HANDLE	Order Ref. 4		1
6	6647662	ELBOW	See Page I12, Ref. 29		1
7	6647438	ELBOW		209211156 & Bel.	
				208912918 & Bel.	
				209011660 & Bel.	1
8	6661281	NIPPLE			1
9	6624114	VALVE	Ball – W/Handle Ref. 10		2
10	6624377	HANDLE	Ball Valve		2
11	6512267	FITTING			4
12	42H–24	HOSE CLAMP			4
13	6617334	U–BOLT			3
14	4E–5	WASHER			6
15	61D–5	NUT			10
16	NAP	HOSE	24" (609,6mm) Long – Order Ref. 56		1
17	6648978	TEE	Pump Side	209211157 & Abv. 208912919 & Abv. 209011661 & Abv.	2
18	6512378	ADAPTER			1
19	6660920	REDUCER			1
20	6648988	ADAPTER			1
21	6648989	CAP			1
22	6626549	BRACKET	Was 6624443 [A]		1
23	17C–616	BOLT			4
24	25E–18	WASHER			4
25	4E–6	WASHER			4
26	61D–6	NUT			4
27	6661107	ELBOW	Was 6648956 [A]		2
28	NAP	HOSE	11.25" (285,75mm) Long – Order Ref. 56		1
29		PUMP	Hypro – See Page K8		1
		CLUTCH	Electric Heavy Duty – See Page K10		1
30	6647452	NIPPLE			2
31	6624564	ELBOW			1
32	6515575	HOSE CLAMP			2
33	NAP	HOSE	80.50" (2044,7mm) Long – Order Ref. 57		x
34	6649511	ELBOW	Stainless Steel		2
	6647442	ELBOW			1
35	6649508	ADAPTER	Stainless Steel		3
	6647448	ADAPTER			1

FILTER, FITTINGS & PUMP– MODEL 230 & 230 (Cont'd)
220-78 S/N 208911001 & Abv. – 220-72 S/N 209211001 & Abv.
(SPRAY SYSTEM) – 230 S/N 209011101 & Abv.

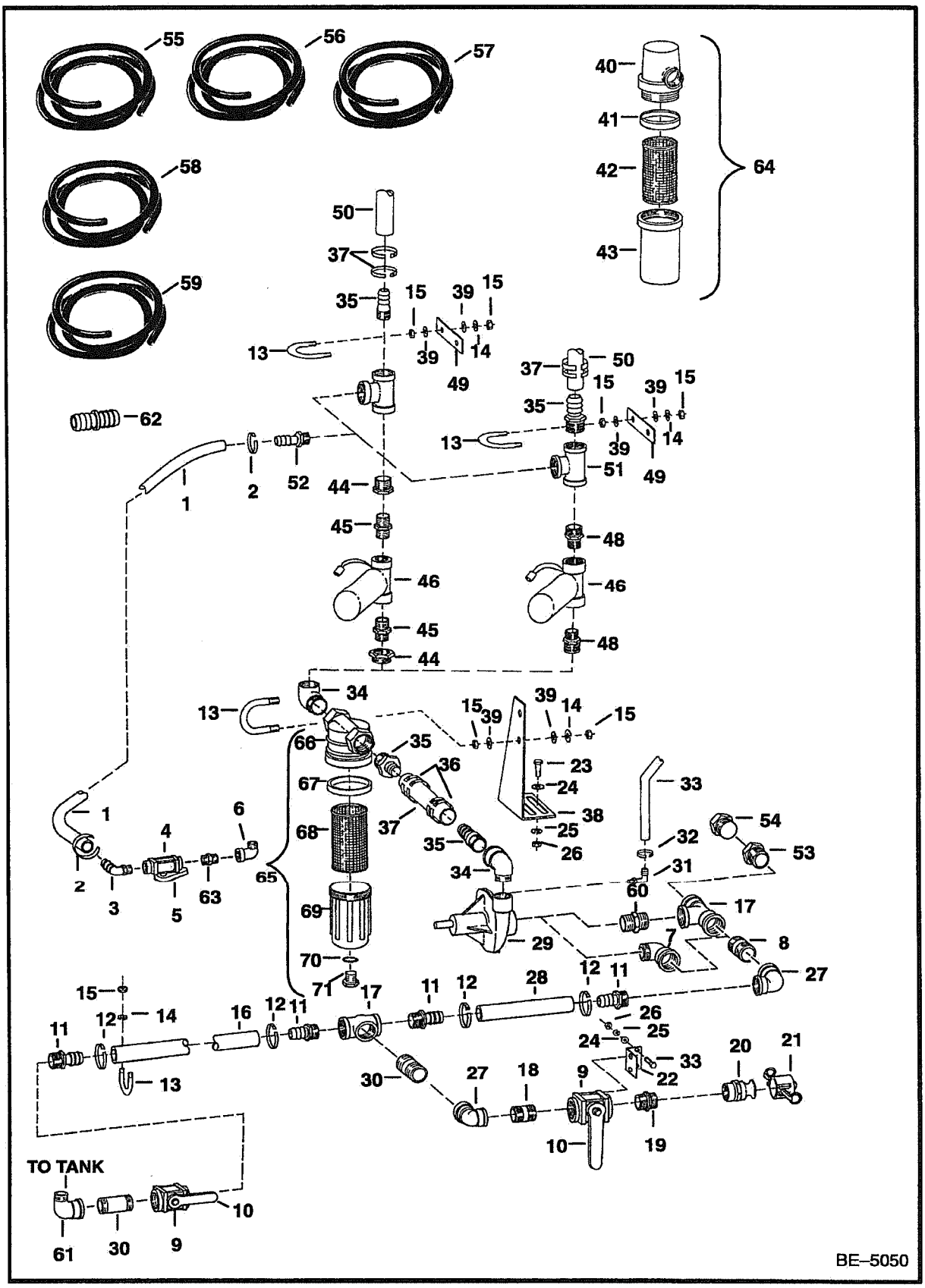


BE–5050

FILTER, FITTINGS & PUMP – MODEL 220–230 (Cont'd)
220-78 S/N 208911001 & Above – 230 S/N 209011101 & Above
(SPRAY SYSTEM – 220–72 S/N 209211001 & Above

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
36	6666864	HOSE CLAMP	Was 42H–20 [A]		6
37	NAP	HOSE	9" (228,6mm)Long – 220 Only Order Ref. 58		1
	NAP	HOSE	9" (228,6mm) Long – 230 Only Order Ref. 59		1
38	6618183	BRACKET			1
39	25E–16	WASHER			11
40	6633588	CAP			1
41	6620478	GASKET	O–Ring		1
42	6633589	SCREEN	40 Mesh – Standard		1
	6647759	SCREEN	80 Mesh		1
43	6647757	CUP			1
44	6649510	REDUCER	Stainless Steel		1
45	6649509	NIPPLE	Close –Stainless Steel– 230 Only		2
46		VALVE	Pressure Control – See Page K15		1
47	6649512	FITTING	Stainless Steel – 230 Only		1
48	6647441	REDUCER			2
49	6618184	SPACER			2
50	NAP	HOSE	35"(889mm) Long – Order Ref. 58		1
51	6660910	TEE	220 Only – Was 6648979 [A]		1
52	6667179	FITTING	Was 6648321 [A]		1
53	6660073	BUSHING	Reducer 1 1/2" x 3/4"	209211195 & Bel.	
				209011857 & Bel.	1
	6661106	BUSHING	1 1/2" x 1"	209211196 & Abv.	
				209011858 & Abv.	1
54	6511084	FITTING	3/4"	209211195 & Bel.	
				209011857 & Bel.	1
	6660908	PLUG	1" – Was 6661105 [A]	209211196 & Abv.	
				209011858 & Abv.	1
55	6660134	HOSE – 3/4" ID	Bulk – Heat Resistant–Sold Per Foot – Was 6651696 [A]		x
56	6647765	HOSE – 1 1/2" ID	Bulk – Sold Per Foot		x
57	6613540	HOSE – 1/4" ID	Bulk – Sold Per Foot		x
58	6647764	HOSE – 1 1/4" ID	Bulk – Sold Per Foot		x
59	6649519	HOSE – 1 1/4" ID	Bulk – Sold Per Foot		x
60	6661281	NIPPLE			1
61	6660906	ELBOW	See Page I10, Ref. 28		1
62		MENDERS	Hose – See Page K4, Ref. 24		x
63	6511083	NIPPLE	Close		1
64	NSS	FILTER	W/Ref. 40 – 43, Order Ref. 40–43 – Was 6647760 [A]	208913942 & Bel.	1
65	6665870	FILTER	W/Ref. 66 – 71	208913943 & Bel.	1
66	6666838	HEAD			1
67	6666839	GASKET	Viton		1
68	6666840	SCREEN	50 Mesh		1
69	6666841	BOWL			1
70	6666842	O–RING			1

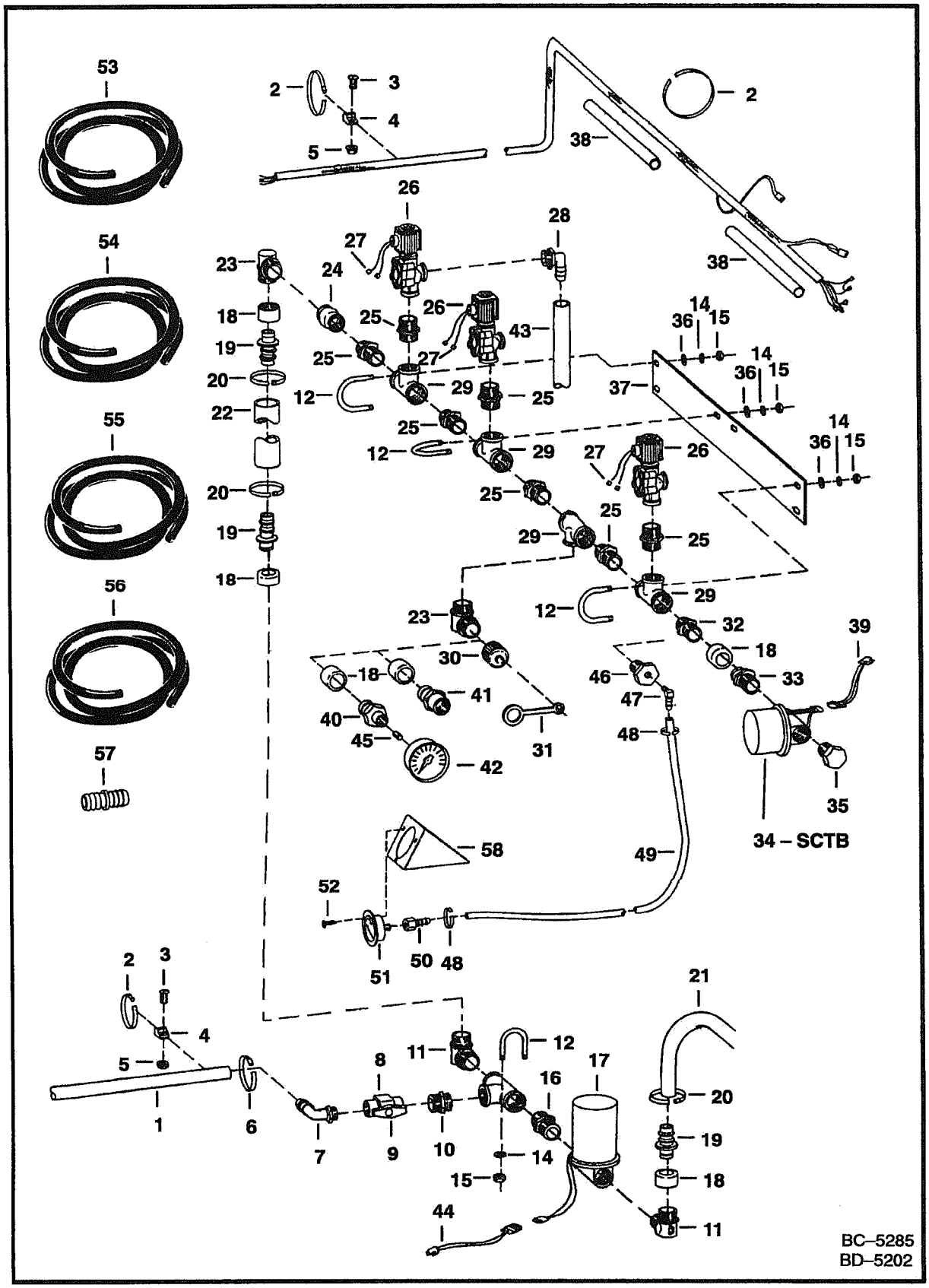
FILTER, FITTINGS & PUMP– MODEL 230 & 230 (Cont'd)
220-78 S/N 208911001 & Abv. – 220-72 S/N 209211001 & Abv.
(SPRAY SYSTEM) – 230 S/N 209011101 & Abv.



FILTER, FITTINGS & PUMP – MODEL 220–230 (Cont'd)
220-78 S/N 208911001 & Above – 230 S/N 209011101 & Above
(SPRAY SYSTEM – 220–72 S/N 209211001 & Above

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
71	6666843	PLUG			1

GAUGES, VALVES & FITTINGS – MODEL 220 (S/N & BELOW)
Model 220 S/N 6537 & Below
(SPRAY SYSTEM)



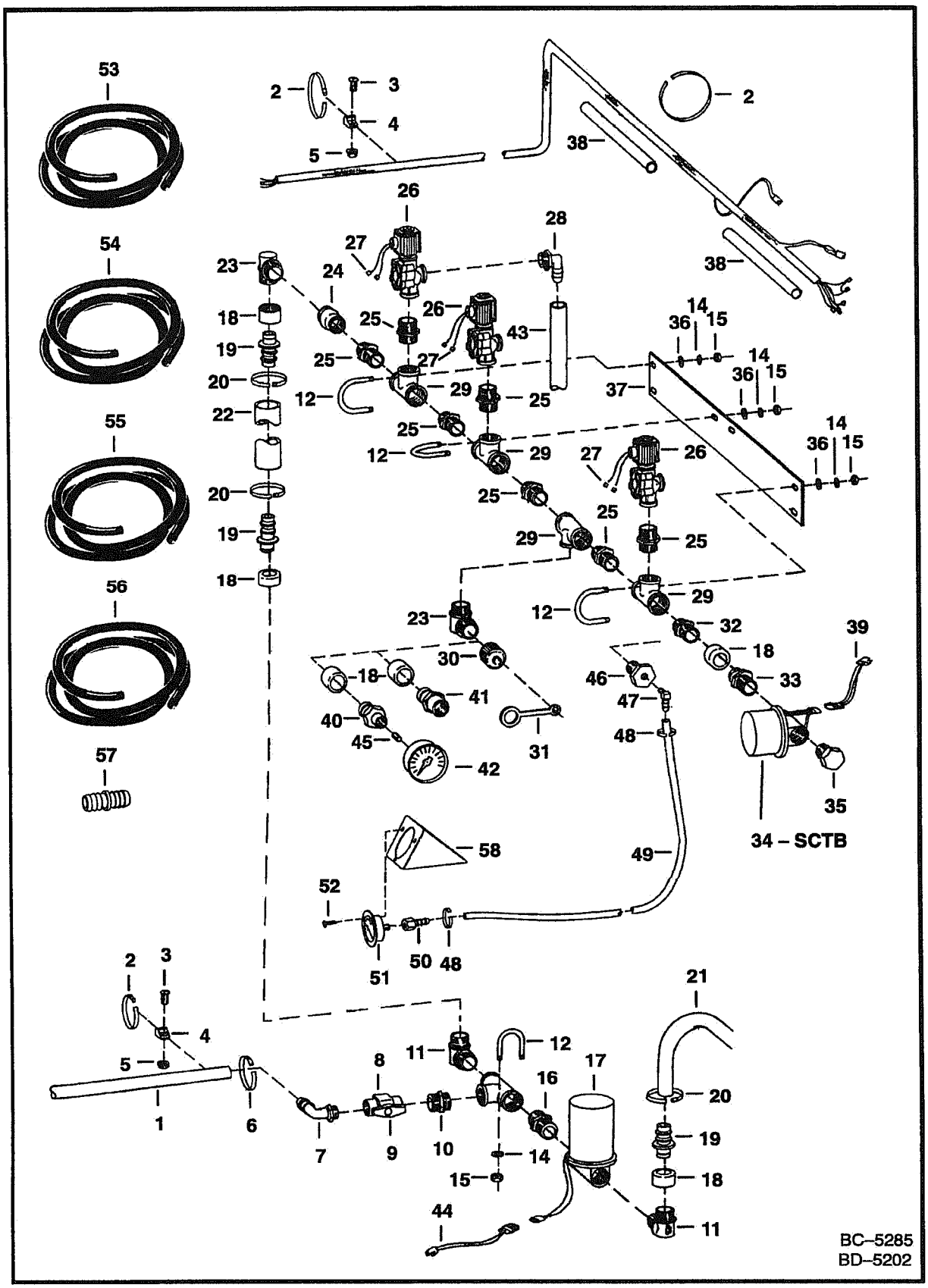
GAUGES, VALVES & FITTINGS – MODEL 220 (S/N & BELOW) (Cont'd)
Model 220 S/N 6537 & Below
(SPRAY SYSTEM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	NAP	HOSE	62" (1574,8mm) Long – Order Ref. 53 – See Page I8, Ref. 19		1
2	6624289	NYLON TIE			8
3	91G–412	BOLT			5
4	6623609	TAB	Mounting		5
5	83D–4	NUT	Was 6599341		5
6	42H–8	CLAMP			1
7	6511063	ELBOW			1
8	6647455	VALVE	Ball W/Handle Ref. 9		1
9	NSS	HANDLE	Order Ref. 8		1
10	6631004	NIPPLE	Reducer		1
11	6624266	ELBOW			2
12	6625096	U–BOLT			4
13	6624557	FITTING			1
14	4E–5	WASHER			8
15	61D–5	NUT			8
16	6512283	NIPPLE	Close		1
17	6632184	VALVE	Pressure Control 1" – See Page K15 – Requires wire adapter Ref. 44 for electrical connection on machines	5555 & Below	1
18	6624270	NUT			6
19	6624272	ADAPTER	Swivel		3
20	6666864	CLAMP	Hose – Was 42H–20 [A]		3
21	NAP	HOSE	21" (533,4mm) Long – Order Ref. 54 – See Page I18, Ref. 61		1
22	NAP	HOSE	16.50" (419,1mm) Long – Order Ref. 54		1
23	6624267	ELBOW			2
24	6630518	CHECK VALVE			1
25	6511083	NIPPLE	Close		7
26	6625561	VALVE	Shut-Off Solenoid – See Page K5 – Requires two of Ref. 27 for electrical connection on machines	5555 & Below	3
27	6625109	TERMINAL	Wire – Required for electrical connection of Ref. 26 when installed onto machines	5555 & Below	6
28	6511066	ELBOW			2
	6630956	ELBOW			1
	6625104	ELBOW			3
29	6511106	FITTING			4
30	6624317	CAP			1
31	6625107	STRAP	Cap Retaining		1
32	6625103	FITTING	Reducer		1
33	6625105	ADAPTER			1

GAUGES, VALVES & FITTINGS – MODEL 220 (S/N & BELOW) (Cont'd)

Model 220 S/N 6537 & Below

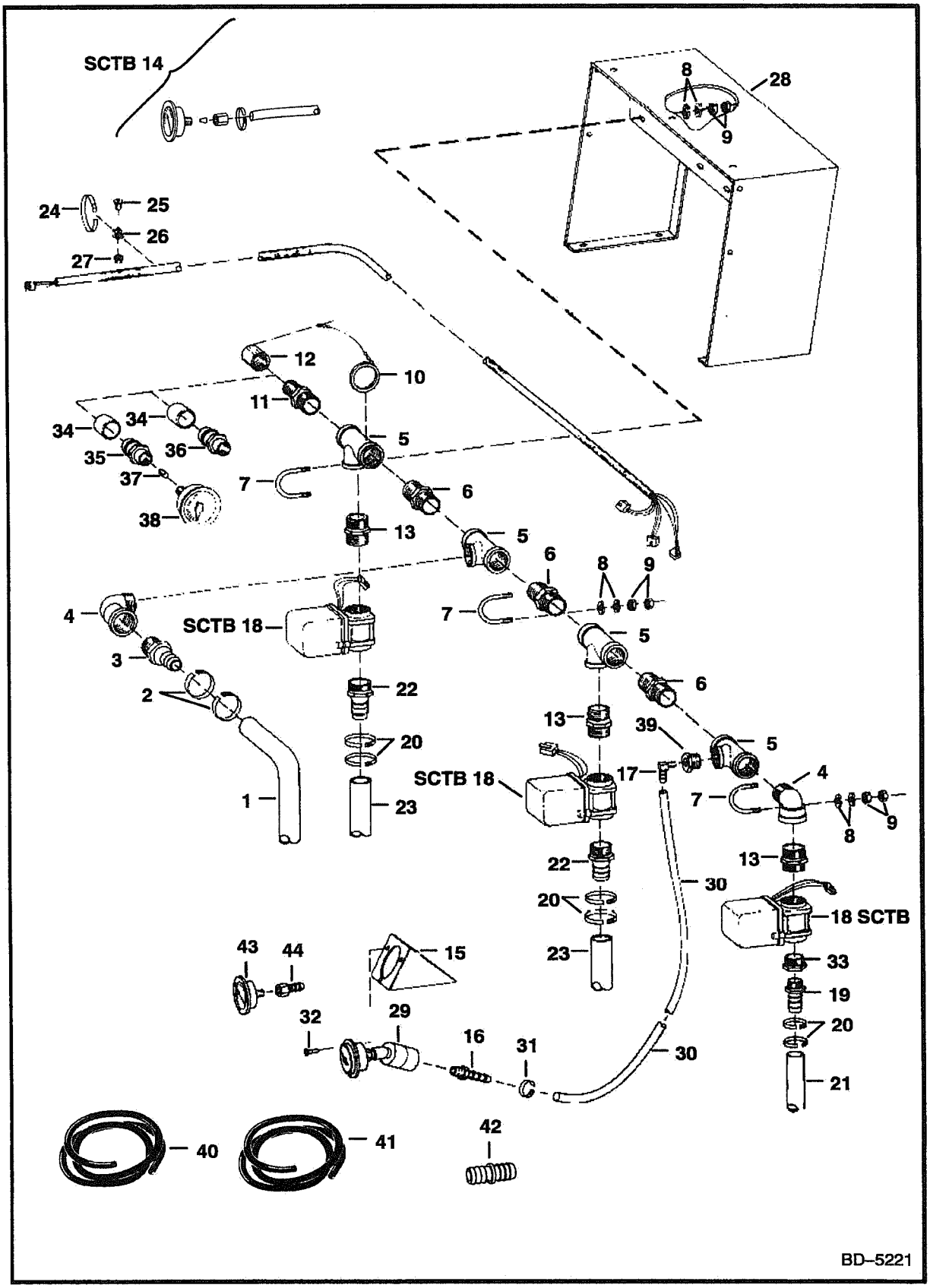
(SPRAY SYSTEM)



GAUGES, VALVES & FITTINGS – MODEL 220 (S/N & BELOW) (Cont'd)
Model 220 S/N 6537 & Below
(SPRAY SYSTEM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
34	NAP	TRANSDUCER	Pressure 130 PSI – W/Cover– See SCTB–SC005 – Was 6632182 [A]		1
	6630094	COVER	Pressure Transducer		1
35	6511084	FITTING	Plug		1
36	25E–15	WASHER			6
37	6625108	SPACER			1
38	NAP	CONDUIT	Harness – 13" (330,2mm) Long Order Ref. 55	5555 & Below	2
39	6625569	WIRE	Adapter – Required for electrical connection of Ref. 34 when installed onto machines	5555 & Below	1
40	6631482	ADAPTER			1
41	6631001	ADAPTER			1
42	6512099	GAUGE	Pressure – Includes Dampener		
43		HOSE	Screw, Ref. 45 Boom Feeder Left, Right & Center – See Page J14, Ref. 14 & 16 or Page J18, Ref. 1 & 2		1
44	6625568	WIRE	Adapter – Required for electrical connection of Ref. 17 when installed onto machines	5555 & Below	3 1
45	6646708	SCREW	Dampener		1
46	6618046	FITTING	Reducer		1
47	6651474	ELBOW			1
48	6515575	HOSE CLAMP			2
49	NAP	HOSE	195" (4953mm) Long – Order Ref. 56		1
50	6651475	FITTING	Adapter		1
51	6652533	GAUGE	Pressure 0–200 PSI		1
52	58G–608	SCREW	Self Tapping		3
53	NAP	HOSE –1/2" ID	Bulk – Sold Per Foot – Was 6624274 [A]		x
54	6632149	HOSE – 1" ID	Bulk – Sold Per Foot		x
55	6565434	CONDUIT	Bulk – Sold Per Foot		x
56	6624938	HOSE – 3/8" ID	Bulk – Sold Per Foot		x
57		MENDER	Hose – See Page K4, Ref. 24		1
58	6617395	BRACKET			1

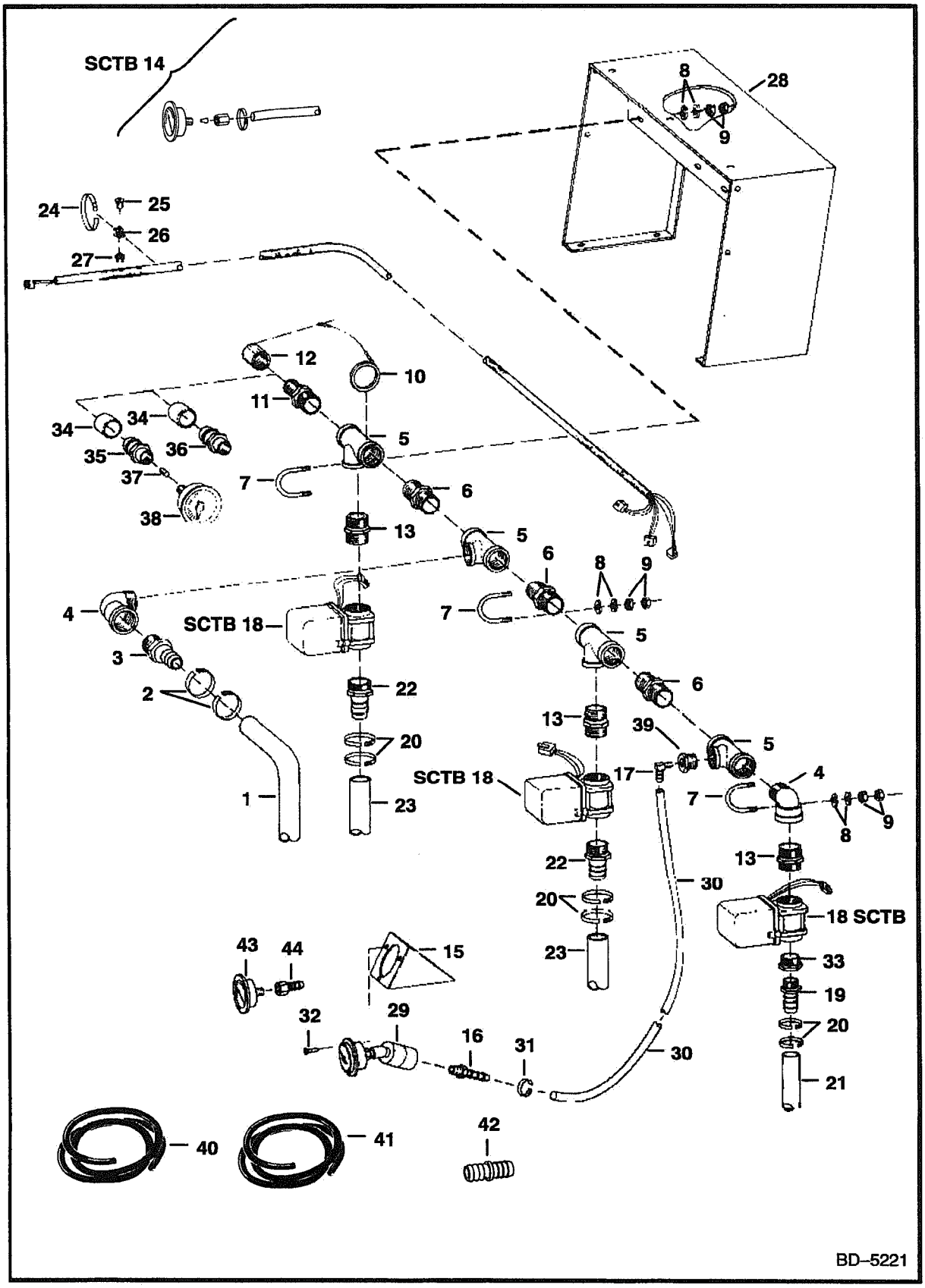
GAUGES, VALVES & FITTINGS – MODEL 220 (S/N & ABOVE)
Model 220 S/N 208911001 & Above
(SPRAY SYSTEM)



GAUGES, VALVES & FITTINGS – MODEL 220 (S/N & ABOVE) (Cont'd)
Model 220 S/N 208911001 & Above
(SPRAY SYSTEM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	NAP	HOSE	35" (889mm) Long – Order Ref. 40 – See Page I22, Ref. 50		1
2	6666864	CLAMP	Hose – Was 42H–20 [A]		2
3	6647448	ADAPTER			1
4	6647442	ELBOW			2
5	6660910	TEE	Was 6648979 [A]		4
6	6512271	ADAPTER			3
7	6617334	U–BOLT			3
8	4E–5	WASHER			x
9	61D–5	NUT			x
10	6625107	STRAP	Cap Retaining		1
11	6647450	NIPPLE			1
12	6624317	CAP			1
13	6647441	REDUCER			3
14	NAP	GAUGE	See SCTB–SC005		x
15	6617395	BRACKET	Pressure Gauge		1
16	6661416	FITTING		208913250 & Abv.	
				209211196 & Abv.	1
17	6651474	ELBOW			1
18	NAP	VALVE	2 Second Ball Shut-off – Was 6617351 – See Page K12, Ref. 1		
			– See SCTB–SC001		3
		VALVE	1 Second Ball Shut-off – See Page K14, Ref. 1		3
19	6650601	FITTING		209011857 & Bel.	1
	6661415	FITTING		209011858 & Abv.	1
20	44H–12	HOSE CLAMP			6
21	NAP	HOSE	Boom Feeder Center – 106" (2692,4mm) Long –See Page J18 Ref. 2		1
22	6648321	FITTING			2
23	NAP	HOSE	Boom Feeder Left & Right – 158" (4013,2mm) Long– See Page J18		
			Ref. 1		2
24	6624289	NYLON TIE			6
25	91G–412	BOLT			5
26	6623609	TAB	Mounting		5
27	83D–4	NUT			5
28	6617341	BRACKET	Manifold – painted black - white		
29	6668200	GAUGE	not available Pressure 0–200–PSI – Liquid Filled, W/Isolator – Was	208913250 & Abv.	1
30	NAP	HOSE	6661418 [A] 195" (4953mm) Long – Order Ref. 41	209211196 & Abv.	1
31	6515575	HOSE CLAMP			2
32	58G–608	SCREW			3
33	6648788	REDUCER			1

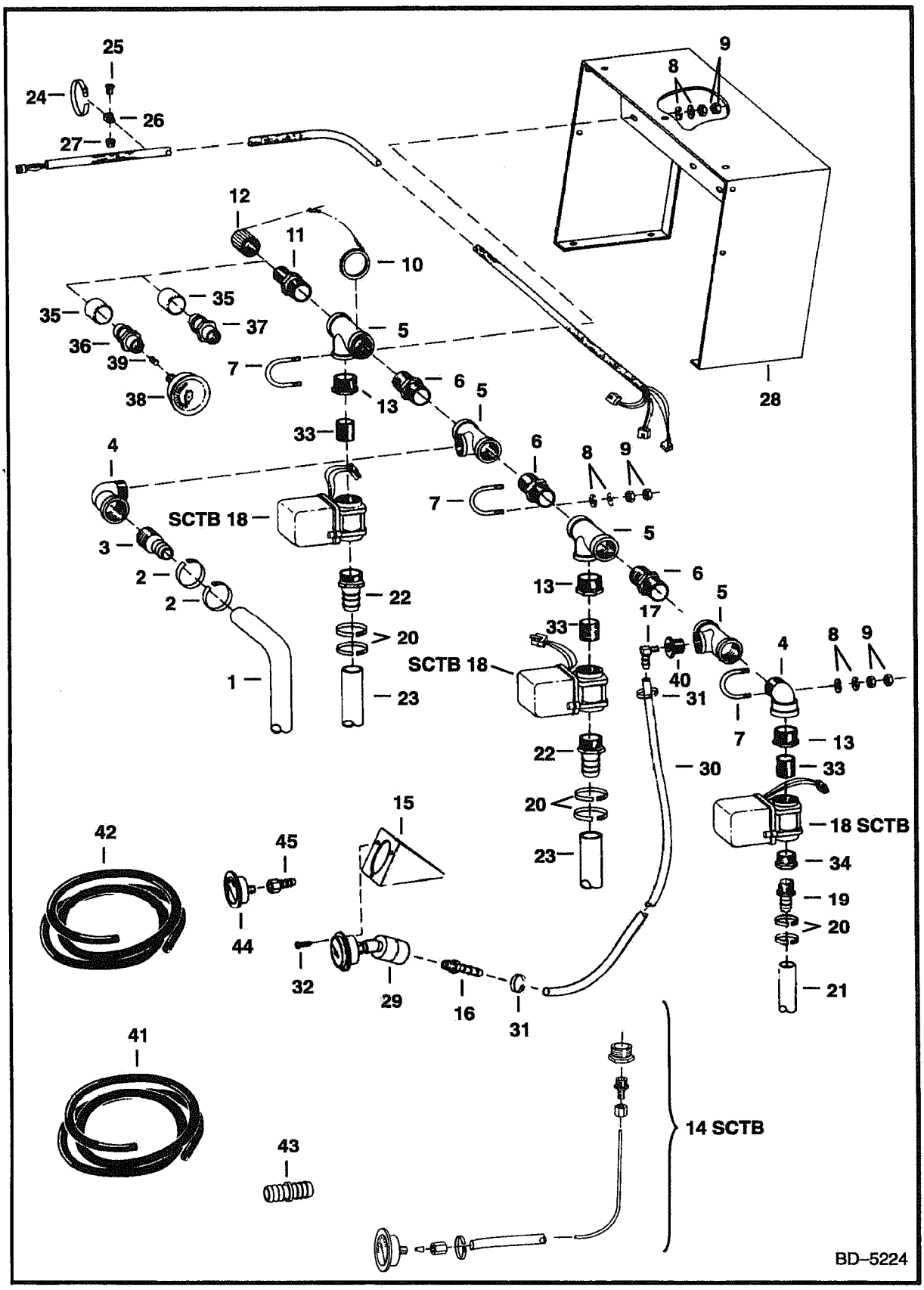
GAUGES, VALVES & FITTINGS – MODEL 220 (S/N & ABOVE) (Cont'd)
Model 220 S/N 208911001 & Above
(SPRAY SYSTEM)



GAUGES, VALVES & FITTINGS – MODEL 220 (S/N & ABOVE) (Cont'd)
Model 220 S/N 208911001 & Above
(SPRAY SYSTEM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
34	6624270	NUT			2
35	6631482	ADAPTER			1
36	6631001	ADAPTER			1
37	6646708	SCREW	Dampener		1
38	6512099	GAUGE	Pressure – Inc. Dampener Screw, Ref. 37		1
39	6649295	FITTING	Reducer		1
40	6647764	HOSE – 1 1/4" ID	Bulk – Sold Per Foot		x
41	6624938	HOSE – 3/8" ID	Bulk – Sold Per Foot		x
42		MENDER	Hose – See Page K4, Ref. 24		x
43	6652533	GAUGE	Pressure 0–200 PSI	209211195 & Bel. 208913249 & Bel.	1
44	6651475	FITTING		209211195 & Bel. 208913249 & Bel.	1

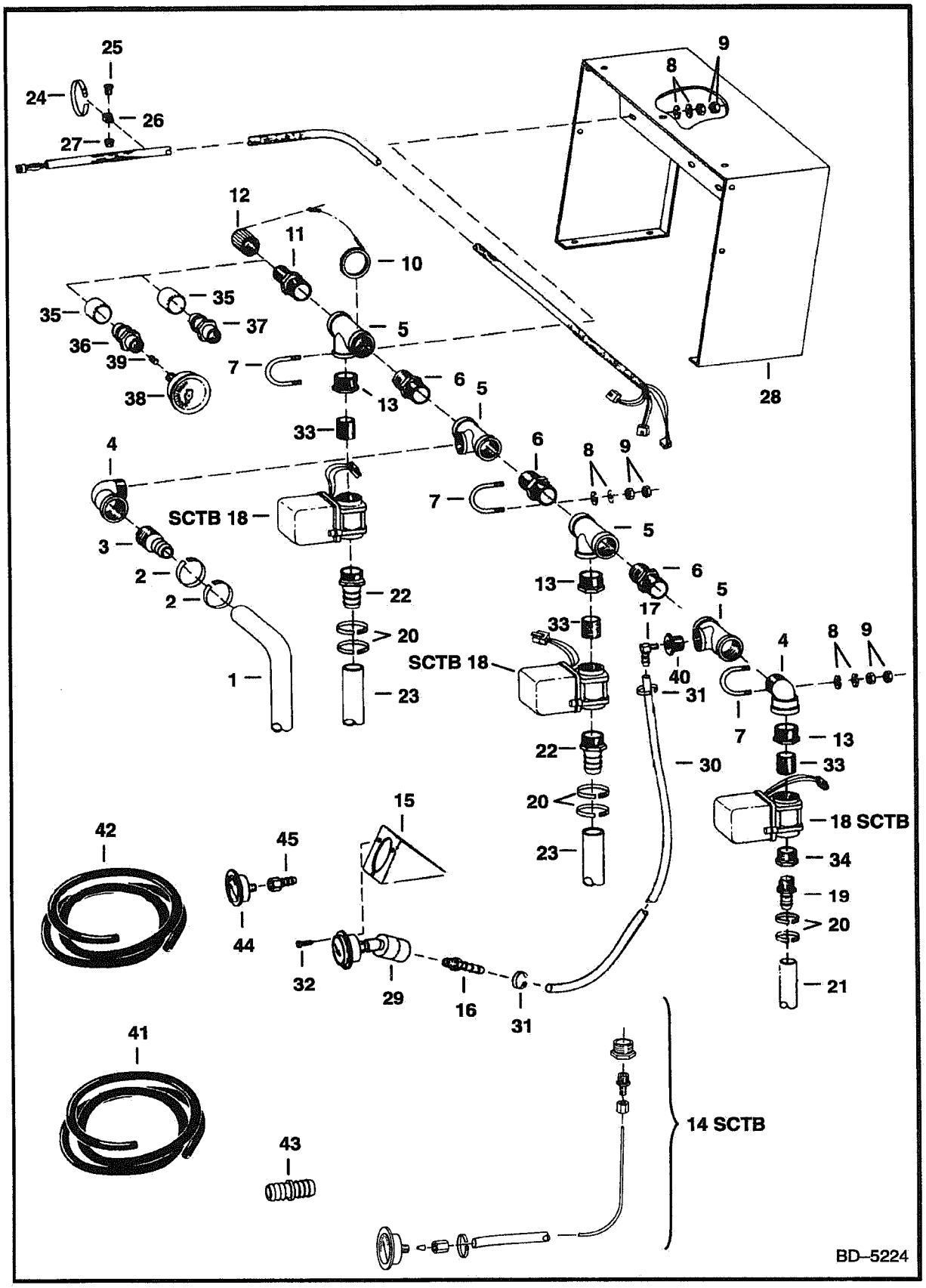
GAUGES, VALVES & FITTINGS – MODEL 230
(SPRAY SYSTEM)



GAUGES, VALVES & FITTINGS – MODEL 230 (Cont'd)
(SPRAY SYSTEM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	NAP	HOSE	35" (889mm) Long – Order Ref. 41		1
2	6666864	CLAMP	Hose – Was 42H–20 [A]		2
3	6649508	ADAPTER	Stainless Steel		1
4	6649511	ELBOW	Stainless Steel		2
5	6649512	FITTING	Stainless Steel		4
6	6649513	NIPPLE	Close – Stainless Steel		3
7	6617334	U–BOLT			3
8	4E–5	WASHER			x
9	61D–5	NUT			x
10	6625107	STRAP	Cap Retaining		1
11	6647450	NIPPLE			1
12	6624317	CAP			1
13	6647441	REDUCER	Stainless Steel		3
14	NAP	GAUGE	See SCTB–SC005		x
15	6617395	BRACKET	Gauge		1
16	6661416	FITTING		209011858 & Abv.	1
17	6651474	ELBOW			1
18	NAP	VALVE	2 Second Ball Shut-off – See Page K14, Ref. 1 – See SCTB – SC001 – Was 6617351		3
		VALVE	1 Second Ball Shut-off – See Page K12, Ref. 1		3
19	6650601	FITTING			1
20	44H–12	HOSE CLAMP			6
21	NAP	HOSE	Boom Feeder Center – 106" (2692,4mm) Long–See Page J20, Ref 2 & J24 Order Ref. 2		1
22	6648321	FITTING			2
23	NAP	HOSE	Boom Feeder Left & Right – 158" (4013,2mm) Long– See Page J20, Ref. 1 & J24, Order Ref. 1		2
24	6624289	NYLON TIE			6
25	91G–412	BOLT			5
26	6623609	TAB	Mounting		5
27	83D–4	NUT	Was 6599341 [A]		5
28	6617341	BRACKET	Manifold – Is Painted black, White Not Available		1
29	6668200	GAUGE	Pressure 0–200 PSI – Liquid Filled W/Isolator – Was 6661418 [A]	209011858 & Abv.	1
30	NAP	HOSE	195" (4953mm) Long – Order Ref. 42		1
31	6515575	HOSE CLAMP			2
32	58G–608	SCREW			3
33	6649509	NIPPLE	Close – Stainless Steel		3
34	6648788	REDUCER	Bushing		1
35	6624270	NUT			2
36	6631482	ADAPTER			1
37	6631001	ADAPTER			1

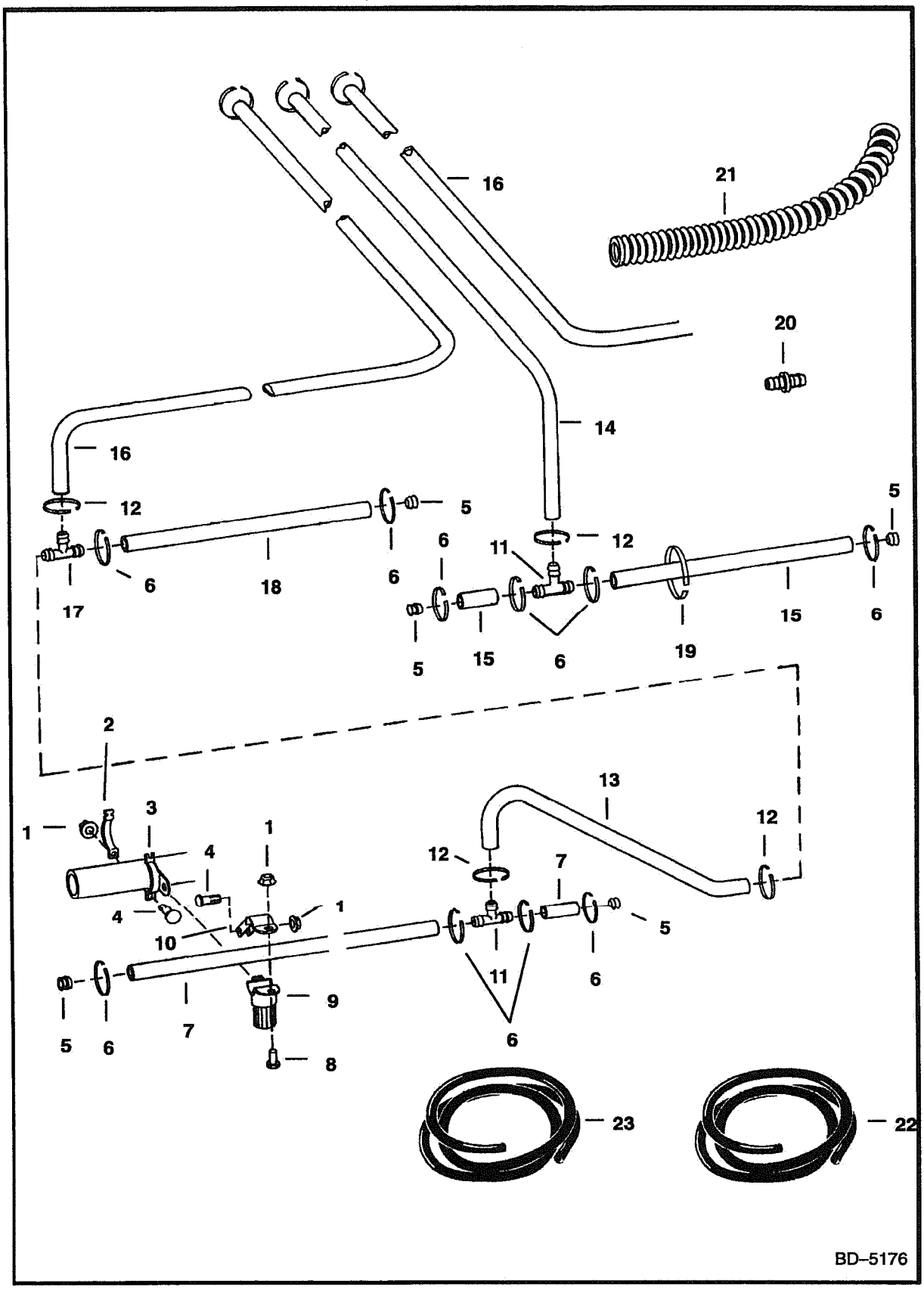
GAUGES, VALVES & FITTINGS – MODEL 230 (Cont'd)
(SPRAY SYSTEM)



GAUGES, VALVES & FITTINGS – MODEL 230 (Cont'd)
(SPRAY SYSTEM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
38	6512099	GAUGE	Pressure – Includes Dampener Screw, Ref. 39		1
39	6646708	SCREW	Dampener		1
40	6649295	FITTING	Reducer		1
41	6649519	HOSE – 1 1/4" ID	Bulk – Sold Per Foot		x
42	6624938	HOSE – 3/8" ID	Bulk – Sold Per Foot		x
43		MENDERS	Hose – See Page K4, Ref. 24		x
44	6652533	GAUGE	Pressure 0–200 PSI	209011857 & Bel.	1
45	6651475	FITTING		209011857 & Bel.	1

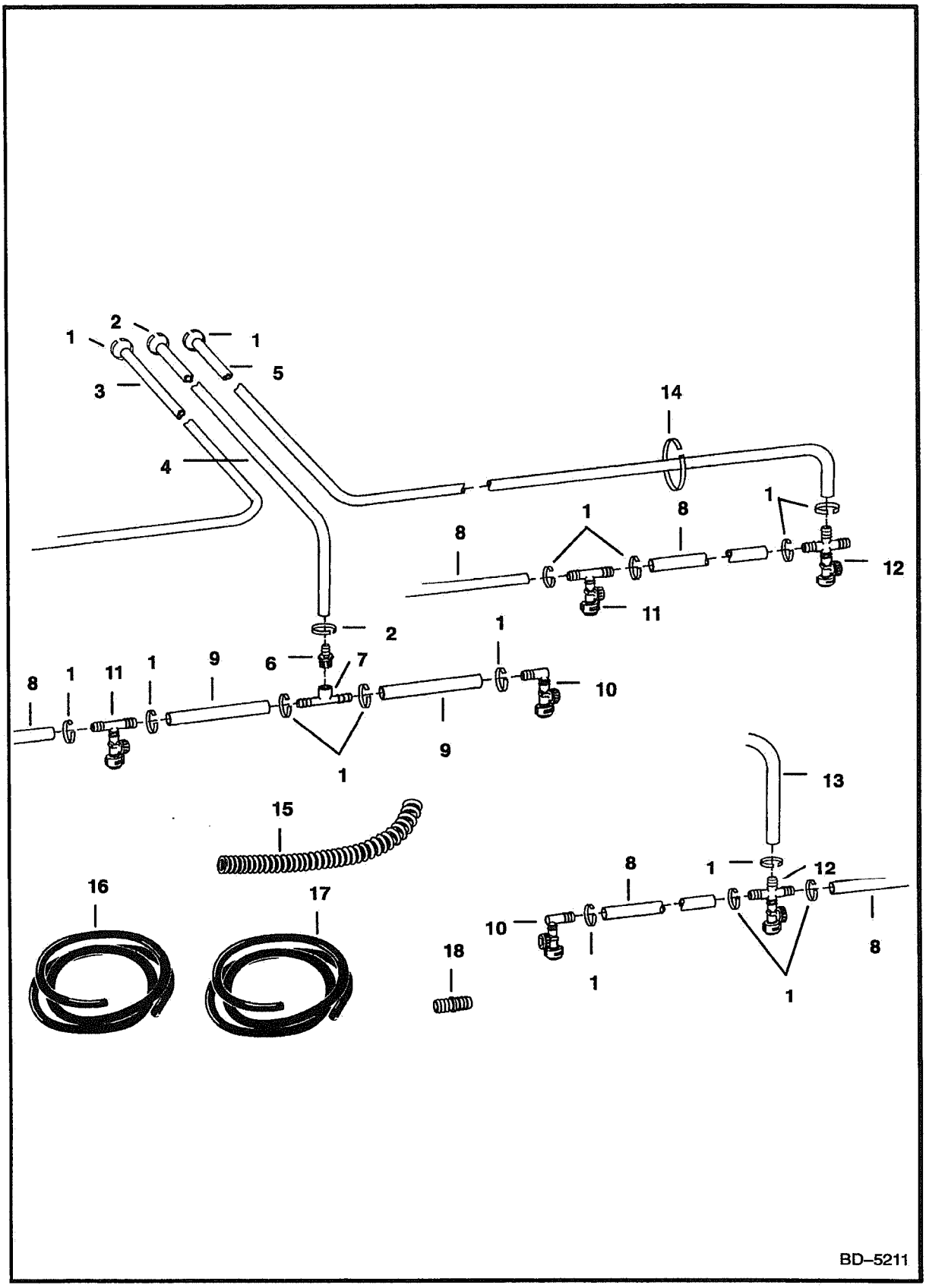
MANIFOLD – 20" SPACING – 50 FOOT BOOM – MELROE NOZZLE (SPRAY SYSTEM)



MANIFOLD – 20" SPACING – 50 FOOT BOOM – MELROE NOZZLE (Cont'd)
(SPRAY SYSTEM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	83D–4	NUT			x
2	6606841	BRACKET	Anchor – 1.5"		x
3	6606902	CLAMP	1.5"		x
4	7C–412	BOLT			x
5	6610035	PLUG			6
6	42H–6	HOSE CLAMP			14
7		TUBE	Manifold Extension 118" (2997,2mm) Long – Order Ref. 22		2
8	17C–410	BOLT			x
9		NOZZLE	See Page L9		x
10		CLAMP	See Page L9		x
11	6620413	TEE	1/2" HB x 1/2" HB x 5/8" HB		3
12	44H–12	HOSE CLAMP			10
13	NAP	HOSE	Outer Boom Feeder 42" (1066,8mm) Long		
14	NAP	HOSE	Order Ref. 23 Boom Feeder, Center 87" (2209,8mm) Long		2
15	NAP	TUBE	Order Ref. 23 Manifold, Center 45"(1143mm) Long – Order Ref. 22		1 1
16	NAP	HOSE	Boom Feeder – L.H. – 250" (6350mm) Long – Order Ref. 23		1
	NAP	HOSE	Boom Feeder – R.H. – 239" – (6070,6mm) Long – Order Ref. 23		1
17	6620414	TEE	1/2" HB x 5/8" HB x 5/8" HB		2
18	NAP	TUBE	Manifold, Main – 166" (4216,4mm) Long – Order Ref. 22		2
19	6624289	NYLON TIE			21
20		MENDER	See Page K4, Ref. 24		x
21	6625996	GUARD	Hose 30.5"(774,7mm) Long		x
22	6610984	HOSE – 1/2" ID	Bulk – Sold Per Foot		x
23	6624635	HOSE – 5/8" ID	Bulk – Sold Per Foot		x

MANIFOLD – 20" & 30" SPACING – 50 FOOT BOOM – MODEL 220
Model 220 S/N 6537 & Below
(SPRAY SYSTEM)

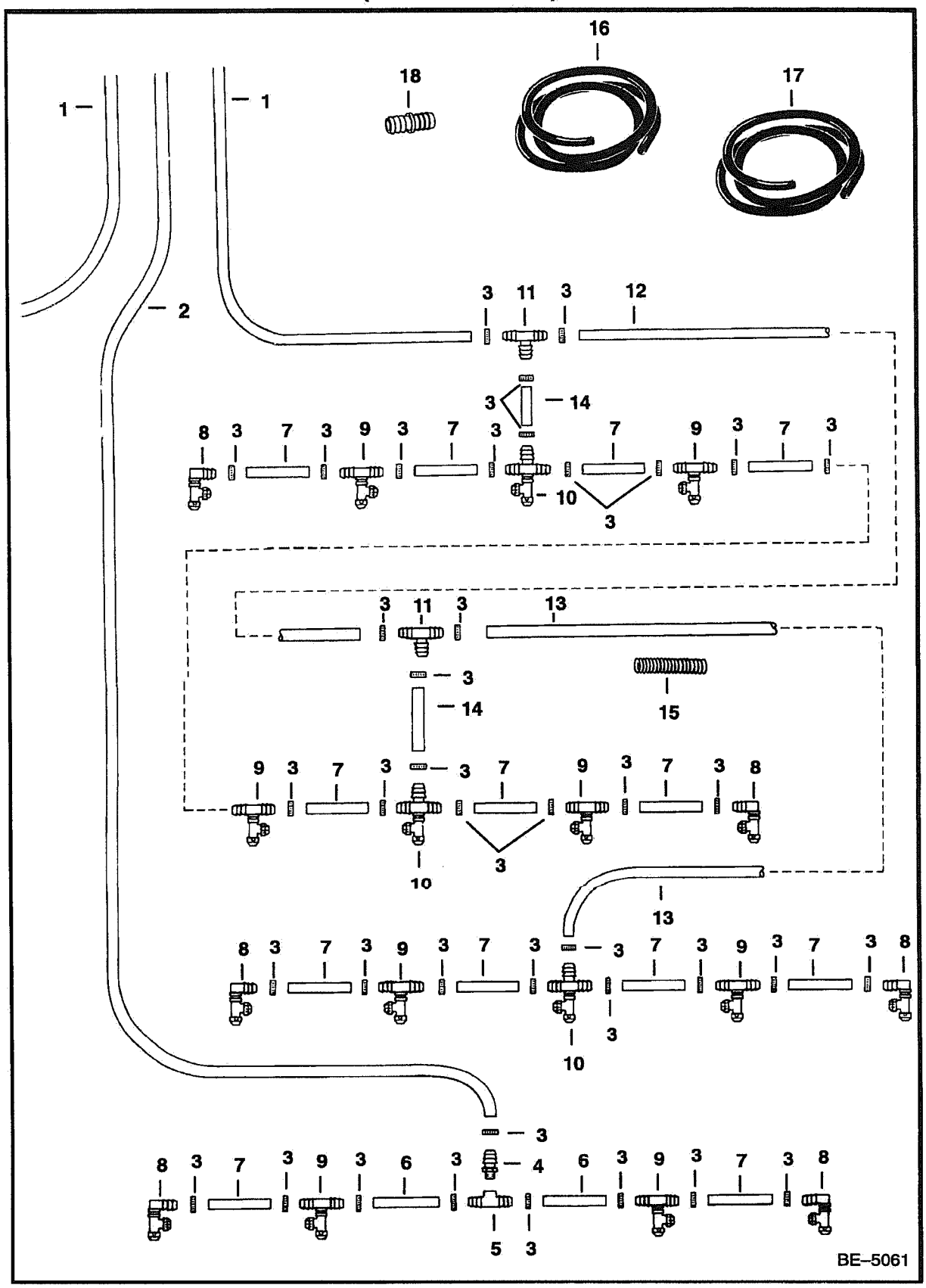


BD–5211

MANIFOLD – 20" & 30" SPACING – 50 FOOT BOOM – MODEL 220 (Cont'd)
Model 220 S/N 6537 & Below
(SPRAY SYSTEM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	44H–12	HOSE CLAMP			60
2	42H–6	HOSE CLAMP			1
3	NAP	HOSE	Boom Feeder Left, 197"		
			(5003,8mm) Long		
			Order Ref. 16		1
4	NAP	HOSE	Boom Feeder Center, 88"		
			(2235,2mm) Long Order Ref. 17		1
5	NAP	HOSE	Boom Feeder Right, 197"		
			(5003,8mm) long Order Ref. 16		1
6	6630915	FITTING			1
7	6630914	TEE			1
8	NAP	HOSE	19" (482,6mm) Long – 20"		
			Nozzle Spacing–Order Ref. 16		25
	NAP	HOSE	29" (736,6mm) Long– 30"		
			Nozzle Spacing–Order Ref. 16		15
9	NAP	HOSE	9"(228,6mm) Long – 20"		
			Nozzle Spacing–Order Ref. 16		2
	NAP	HOSE	14" (355,6mm) Long– 30"		
			Nozzle Spacing–Order Ref. 16		2
10		NOZZLE	Assy. – Single – See Page L12,		
			Ref. 14		x
11		NOZZLE	Assy. – Double – See Page L12,		
			Ref. 15		x
12		NOZZLE	Assy. – Triple – See Page L12,		
			Ref. 16		x
13	NAP	HOSE	Outer Boom Feeder 78"		
			(1981,2mm) – 20"		
			Nozzle Spacing–Order Ref. 16		2
	NAP	HOSE	Outer Boom Feeder 66"		
			(1676,4mm) Long – 30"Nozzle		
			Spacing–Order Ref. 16		2
14	6624289	NYLON TIE			25
15	6625996	GUARD	Hose – 30.50"(774,7mm) Long		x
16	6624591	HOSE – 3/4" ID	Bulk – Sold Per Foot		x
17	6624938	HOSE – 3/8" ID	Bulk – Sold Per Foot		x
18		MENDER	Hose – See Page K4, Ref. 24		x

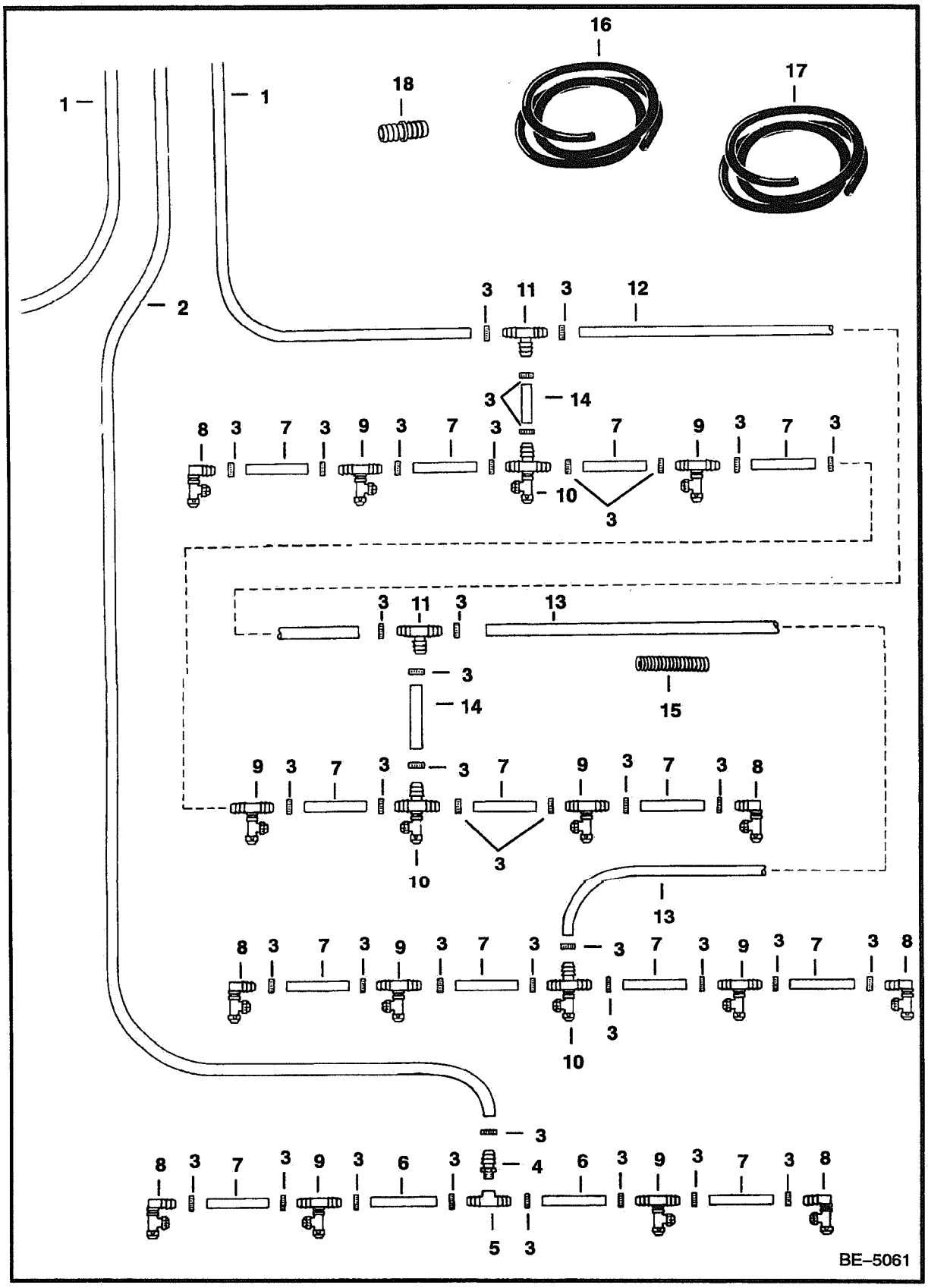
MANIFOLD – 20" SPACING – 50 FOOT BOOM – MODEL 220
Model 220 S/N 208911001–208912918 – Model 220–72 S/N 209211156 & Below
(SPRAY SYSTEM)



MANIFOLD – 20" SPACING – 50 FOOT BOOM – MODEL 220 (Cont'd)
Model 220 S/N 208911001–208912918 – Model 220–72 S/N 209211156 & Below
(SPRAY SYSTEM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	NAP	HOSE	Boom Feeder Left & Right, 158" (4013,2mm) Long – Order Ref. 16		2
2	NAP	HOSE	Boom Feeder Center, 106" (2692,4mm) Long Order Ref. 17		1
3	44H–12	HOSE CLAMP			x
4	6650601	FITTING			1
5	6630914	TEE			1
6	NAP	HOSE	9" (228,6mm) Long – Order Ref. 16		2
7	NAP	HOSE	19" (482,6mm) Long – Order Ref. 16		25
8		NOZZLE	Assy. – Single – See Page K17, Ref.13		10
9		NOZZLE	Assy. – Double – See Page K17, Ref.14		15
10		NOZZLE	Assy. – Triple – See Page K17, Ref. 12		6
11	6511103	TEE			4
12	NAP	HOSE	59" (1498,6mm) Long – Order Ref. 16		2
13	NAP	HOSE	115" (2921mm) Long – Order Ref. 16		2
14	NAP	HOSE	4" (101,6mm) Long – Order Ref. 16		4
15	6625996	GUARD	Hose 30.50" (774,7mm) Long		2
16	6624591	HOSE – 3/4" ID	Bulk – Sold Per Foot		x
17	6624635	HOSE – 5/8" ID	Bulk – Sold Per Foot		x
18		MENDER	Hose – See Page K4, Ref. 24		x

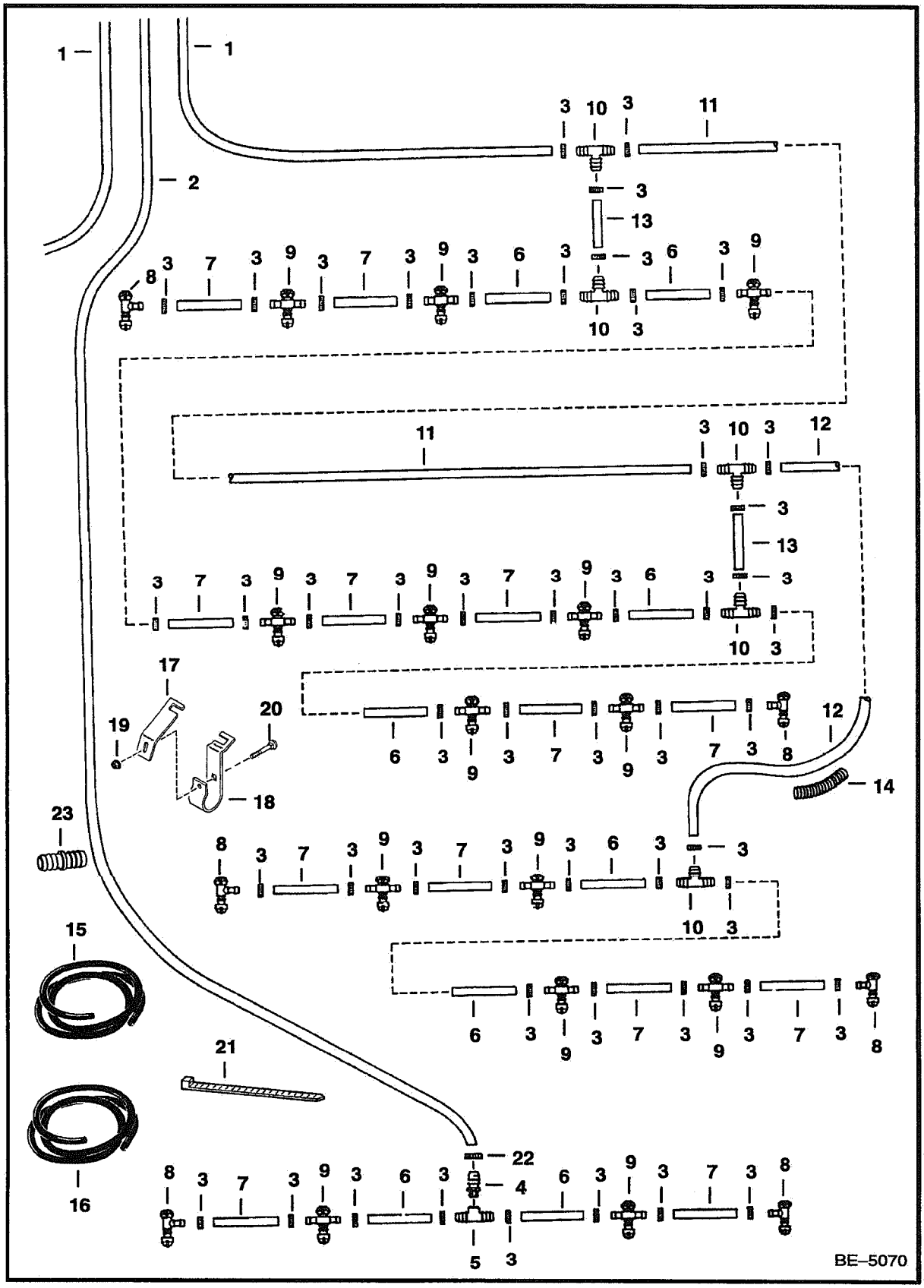
MANIFOLD – 20" SPACING – 50 FOOT BOOM – MODEL 230
Model 230, S/N 209011660 & Below
(SPRAY SYSTEM)



MANIFOLD – 20" SPACING – 50 FOOT BOOM – MODEL 230 (Cont'd)
Model 230, S/N 209011660 & Below
(SPRAY SYSTEM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	NAP	HOSE	Boom Feeder Left & Right, 158" (4013,2mm) Long – Order Ref. 16		2
2	NAP	HOSE	Boom Feeder Center, 106" (2692,4mm) Long Order Ref. 17		1
3	44H–12	HOSE CLAMP			x
4	6650601	FITTING			1
5	6630914	TEE			1
6	NAP	HOSE	9" (228,6mm) Long – Order Ref. 16		2
7	NAP	HOSE	19" (482,6mm) Long – Order Ref. 16		25
8		NOZZLE	Assy. – Single – See Page K20, Ref. 1		10
9		NOZZLE	Assy. – Double – See Page K20, Ref. 2		15
10		NOZZLE	Assy. – Triple – See Page K20, Ref. 3		6
11	6511103	TEE			4
12	NAP	HOSE	59" (1498,6mm) Long – Order Ref. 16		2
13	NAP	HOSE	115" (2921mm) Long – Order Ref. 16		2
14	NAP	HOSE	4" (101,6mm) Long – Order Ref. 16		4
15	6625996	GUARD	Hose 30.50" (774,7mm) Long		2
16	6624591	HOSE – 3/4" ID	Bulk – Sold Per Foot		x
17	6624635	HOSE – 5/8" ID	Bulk – Sold Per Foot		x
18		MENDER	Hose – See Page K4, Ref. 24		x

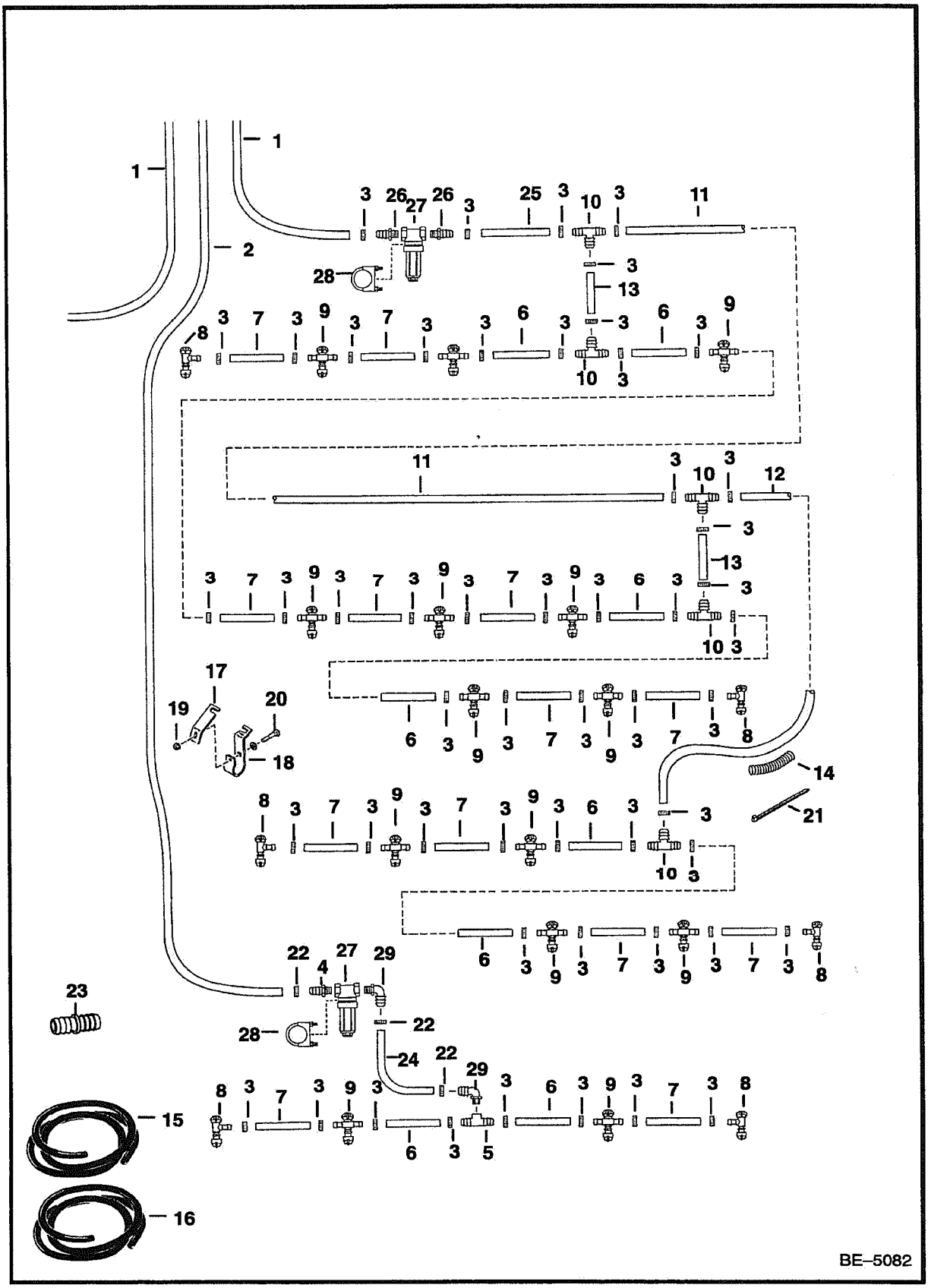
MANIFOLD – 20" SPACING – 60 FOOT BOOM – MODEL 220
Model 220, S/N 20921157 & Above, S/N 208912919 thru 208913943
(SPRAY SYSTEM)



MANIFOLD – 20" SPACING – 60 FOOT BOOM – MODEL 220 (Cont'd)
Model 220, S/N 209211157 & Above – S/N 208912919 thru 208913943
(SPRAY SYSTEM)

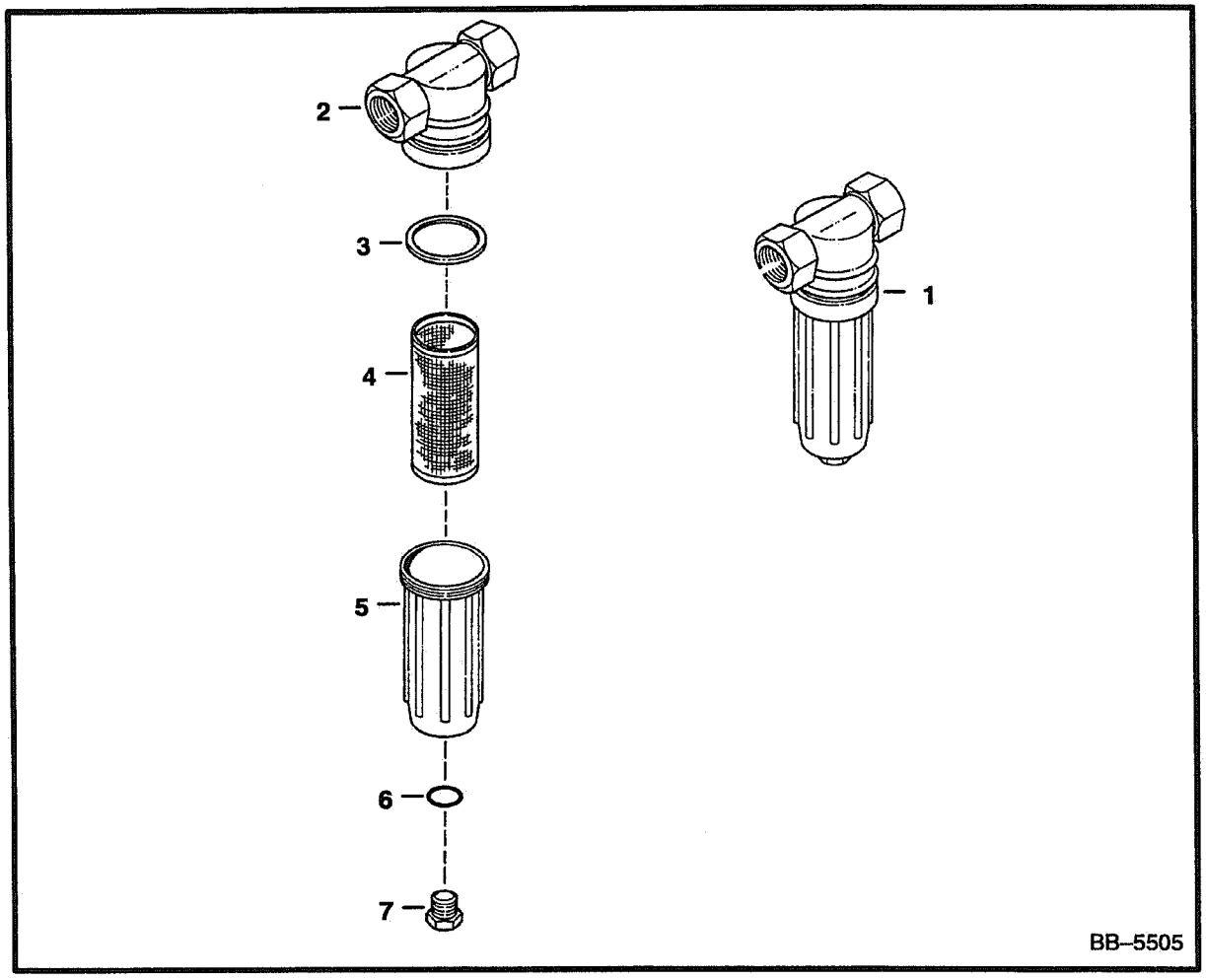
Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	NAP	HOSE	Boom Feeder, Left & Right –158" (4013,2mm) Long – Order Ref. 15		2
2	NAP	HOSE	Boom Feeder, Center – 106" (2692,4mm) Long – Order Ref. 16		1
3	44H–12	HOSE CLAMP			94
4	6650601	FITTING		209211195 & Bel.	
	6661415	FITTING		208913249 & Bel. 208913250 & Abv. 209211196 & Abv.	1 1
5	6630914	TEE			1
6	NAP	HOSE	11" (279,4mm) Long – Order Ref.15		17
7	NAP	HOSE	19" (482,6mm) Long – Order Ref. 15		24
8		NOZZLE	Assy. – Single – See Page L2, Ref. 13		10
9		NOZZLE	Assy. – Double – See Page L2, Ref. 12		26
10	6511103	TEE			10
11	NAP	HOSE	99" (2514,6mm) Long – Order Ref. 15		2
12	NAP	HOSE	115" (2921mm) Long – Order Ref. 15		2
13	NAP	HOSE	4"(101,6mm) Long – Order Ref. 15		4
14	6625996	GUARD	Hose–30.50" (774,7mm) Long		2
15	6624591	HOSE – 3/4" ID	Bulk – Sold Per Foot		x
16	6624635	HOSE – 5/8" ID	Bulk – Sold Per Foot	209211195 & Bel. 208913249 & Bel.	x
	6661417	HOSE 1/2" ID	Bulk – Sold Per Foot	208913250 & Abv. 209211196 & Abv.	x
17	6626121	BRACKET	Upper		36
18	6626122	BRACKET	Lower		36
19	42DM–6	NUT	Was 45DM–6 [A]		36
20*	21CM–660	BOLT	Was 28CM–660 [A]		32
	1CM–655	BOLT			4
21	6624289	NYLON TIE			23
22	44H–8	HOSE CLAMP			1
23		MENDER	Hose – See Page K4, Ref. 24		x

MANIFOLD – 20" SPACING – 60 FOOT BOOM – MODEL 220
Model 220, S/N 208913944 & Above
(SPRAY SYSTEM)



MANIFOLD – 20" SPACING – 60 FOOT BOOM – MODEL 220 (Cont'd)
Model 220, S/N 208913844 & Above
(SPRAY SYSTEM)

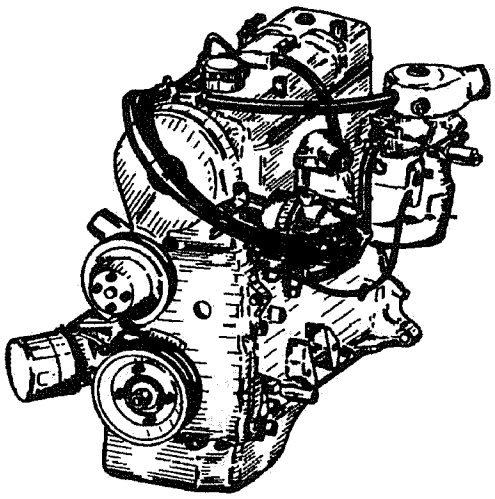
Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	NAP	HOSE	Boom Feeder, Left & Right – 149' (3784,6mm) Long – Order Ref. 15		2
2	NAP	HOSE	Boom Feeder, Center – 79" (2006,6mm) Long – Order Ref. 16		1
3	44H–12	HOSE CLAMP			98
4	6661415	FITTING			1
5	6630914	TEE			1
6	NAP	HOSE	9" (228,6mm) Long – Order Ref. 15		8
7	NAP	HOSE	19"(482,6mm) Long – Order Ref. 15		26
8		NOZZLE	Assy. – Single – See Page L2, Ref. 13		10
9		NOZZLE	Assy. – Double – See Page L2, Ref.12		26
10	6511103	TEE			5
11	NAP	HOSE	99" (2514,6mm) Long – Order Ref. 15		2
12	NAP	HOSE	115" (2921mm) Long – Order Ref. 15		2
13	NAP	HOSE	4" (101,6mm) Long – Order Ref. 15		2
14	6625996	GUARD	Hose–30.50" (774,7mm) Long		2
15	6624591	HOSE – 3/4" ID	Bulk – Sold Per Foot		x
16	6661417	HOSE – 1/2" ID	Bulk – Sold Per Foot		x
17	6626121	BRACKET	Upper		36
18	6626122	BRACKET	Lower		36
19	42DM–6	NUT			36
20*	21CM–660	BOLT	Was 28CM–660 [A]		32
	1CM–655	BOLT			4
21	6624289	NYLON TIE			21
22	44H–8	HOSE CLAMP			3
23		MENDER	Hose – See Page K4, Ref. 24		x
24	NAP	HOSE	27.50" (698,5mm) Long – Order Ref. 16		1
25	NAP	HOSE	9.50 (24113mm) Long – Order Ref. 15		2
26	6660899	FITTING			4
27	6665873	FILTER	See Page K1, Ref. 1		12
28	6595786	CLAMP	Full Circle		3
29	6665913	FITTING	Elbow		2



FILTER – MANIFOLD BOOM – MODEL 220
Model 220 And S/N 208913944 & Above
(Spray System)

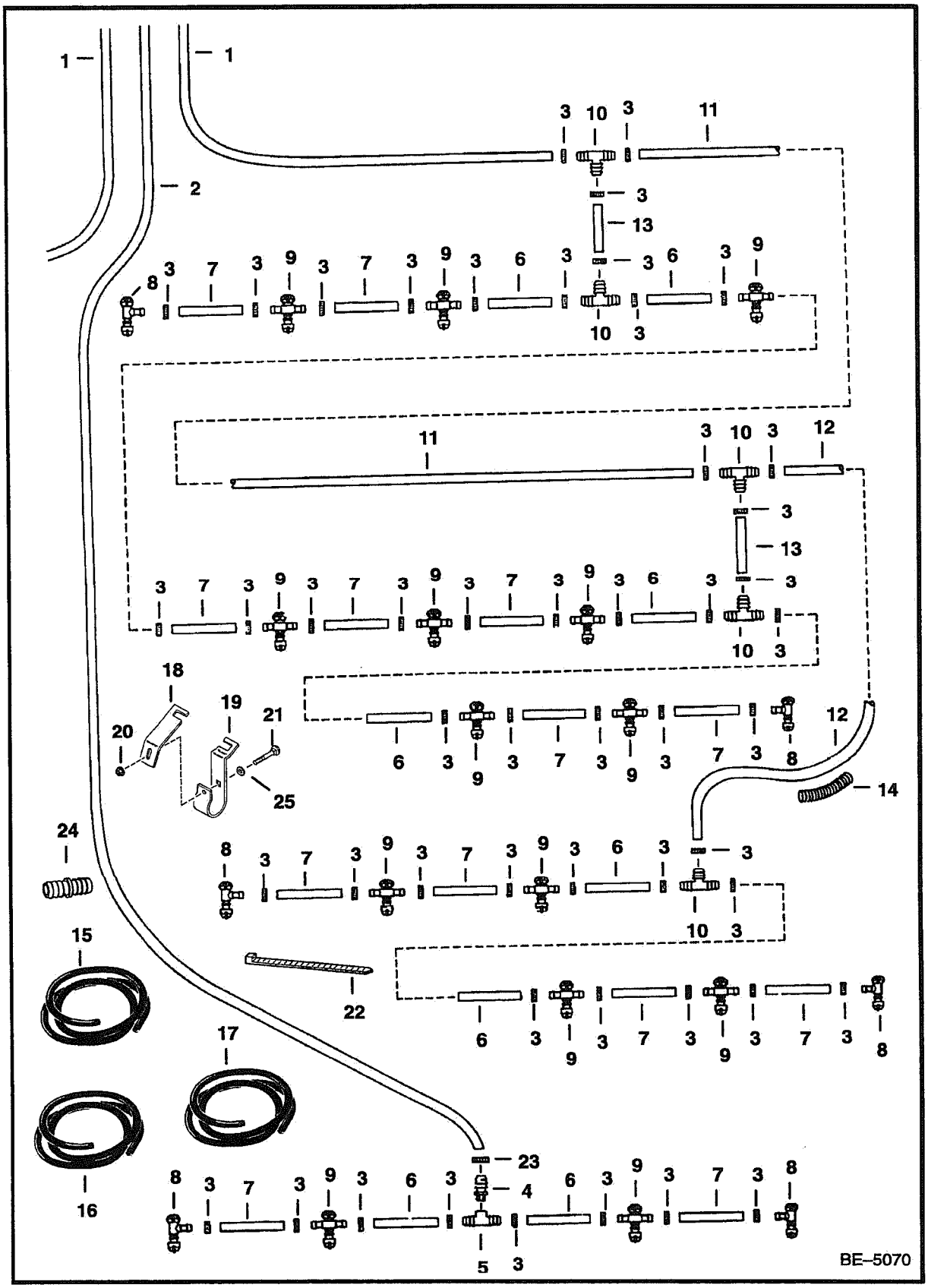
Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6665873	FILTER	Assembly 50 mesh – W/Ref. 2–7		3
2	6666844	HEAD	3/4" (19,05mm)		1
3	6666845	GASKET	viton		1
4	6666846	SCREEN	50 mesh		1
	6667717	SCREEN	80 mesh		1
5	6666847	BOWL			1
6	6666848	O–RING			1
7	6666849	PLUG			1

Both new and rebuilt engines are available from Melroe.



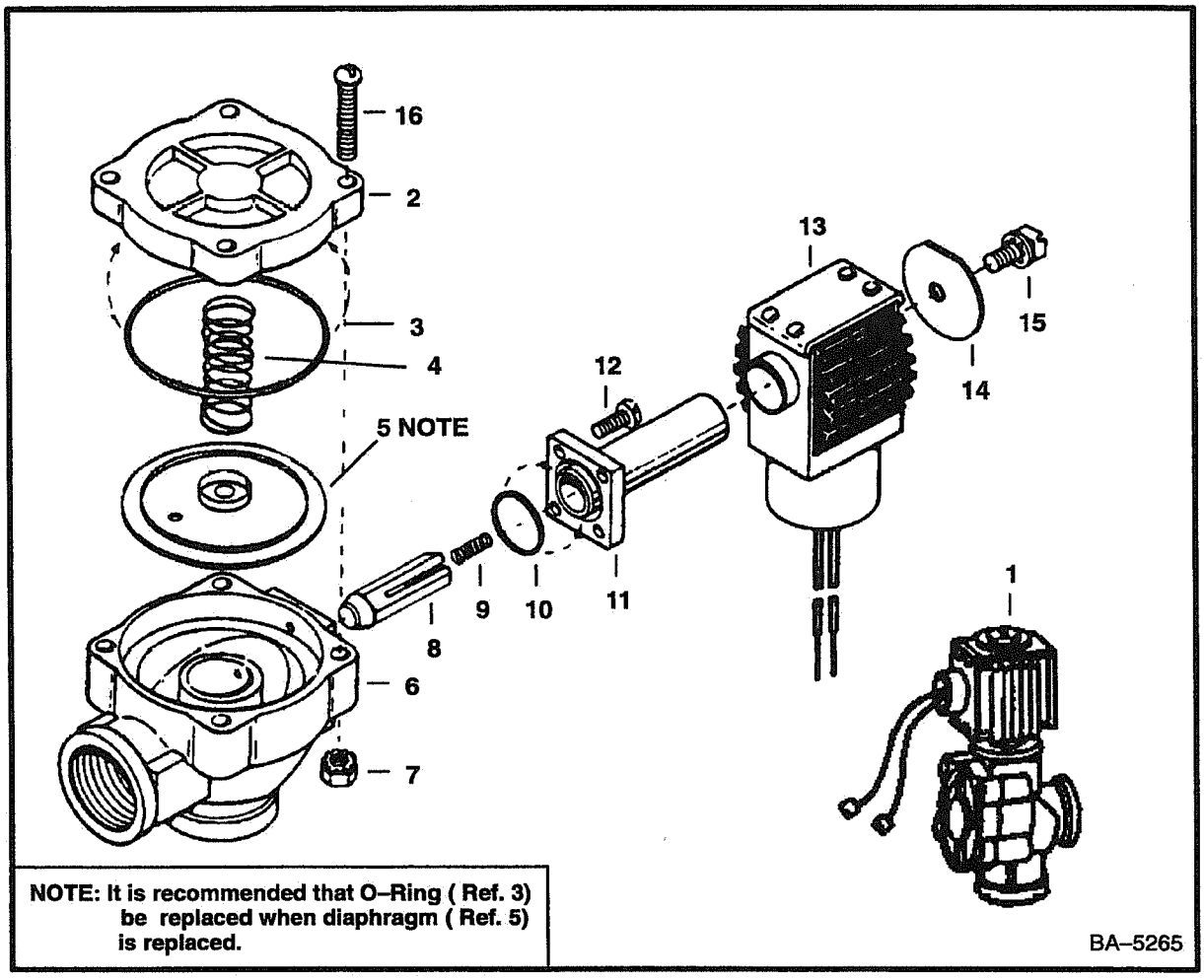
Available from Melroe Parts.

MANIFOLD – 20" SPACING – 60 FOOT BOOM – MODEL 230
Model 230, S/N 209011661 & Above
(SPRAY SYSTEM)



MANIFOLD – 20" SPACING – 60 FOOT BOOM – MODEL 230 (Cont'd)
Model 230, S/N 209011661 & Above
(SPRAY SYSTEM)

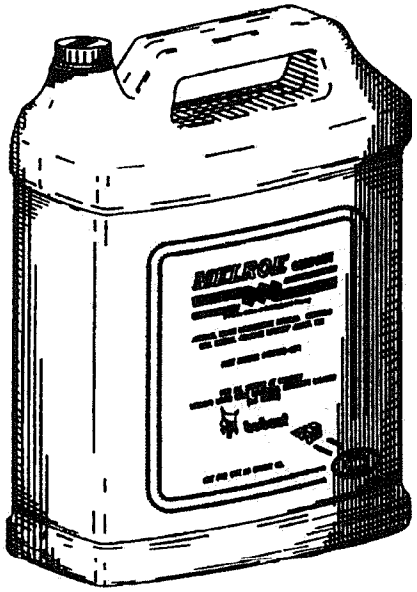
Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	NAP	HOSE	Boom Feeder, Left & Right – 158" (4013,2mm) Long – Order Ref. 15		2
2	NAP	HOSE	Boom Feeder, Center – 106" (2692,4mm) Long – Order Ref. 17		1
3	44H–12	HOSE CLAMP			94
4	6650601	FITTING		209011857 & Bel.	1
	6661415	FITTING		209011858 & Abv.	1
5	6630914	TEE			1
6	NAP	HOSE	9" (228,6mm) Long – Order Ref. 16		8
7	NAP	HOSE	19"(482,6mm) Long – Order Ref. 16		26
8		NOZZLE	Assy. – Single – See Page L6, Ref. 13		10
9		NOZZLE	Assy. – Double – See Page L6, Ref. 12		26
10	6511103	TEE			5
11	NAP	HOSE	99" (2514,6mm) Long – Order Ref. 15		2
12	NAP	HOSE	115" (2921mm) Long – Order Ref. 15		2
13	NAP	HOSE	4" (101,6mm) Long – Order Ref. 15		4
14	6625996	GUARD	Hose–30.50" (774,7mm) Long		2
15	6649515	HOSE – 3/4" ID	Bulk – Sold Per Foot		x
16	6660134	HOSE – 3/4" ID	Bulk – Sold Per Foot		x
17	6624635	HOSE – 5/8" ID	Bulk – Sold Per Foot	209011857 & Bel.	x
	6661417	HOSE – 1/2" ID	Bulk – Sold Per Foot	209011858 & Abv.	x
18	6626121	BRACKET	Upper		36
19	6626122	BRACKET	Lower		36
20	42DM–6	NUT	Was 45DM–6 [A]		36
21	21CM–660	BOLT	Was 28CM–660 [A]		32
	1CM–655	BOLT			4
22	6624289	NYLON TIE			21
23	44H–8	HOSE CLAMP			1
24	6511058	MENDER	Hose – 1/4"		x
	6664877	MENDER	Hose – 3/8"		x
	6511059	MENDER	Hose – 1/2"		x
	6624264	MENDER	Hose – 5/8"		x
	6511060	MENDER	Hose – 3/4"		x
	6511080	MENDER	Hose – 1"		x
25	25E–13	WASHER			4



VALVE – SOLENOID – MODEL 220
Model 220 S/N 6537 & Below
(SPRAY SYSTEM)

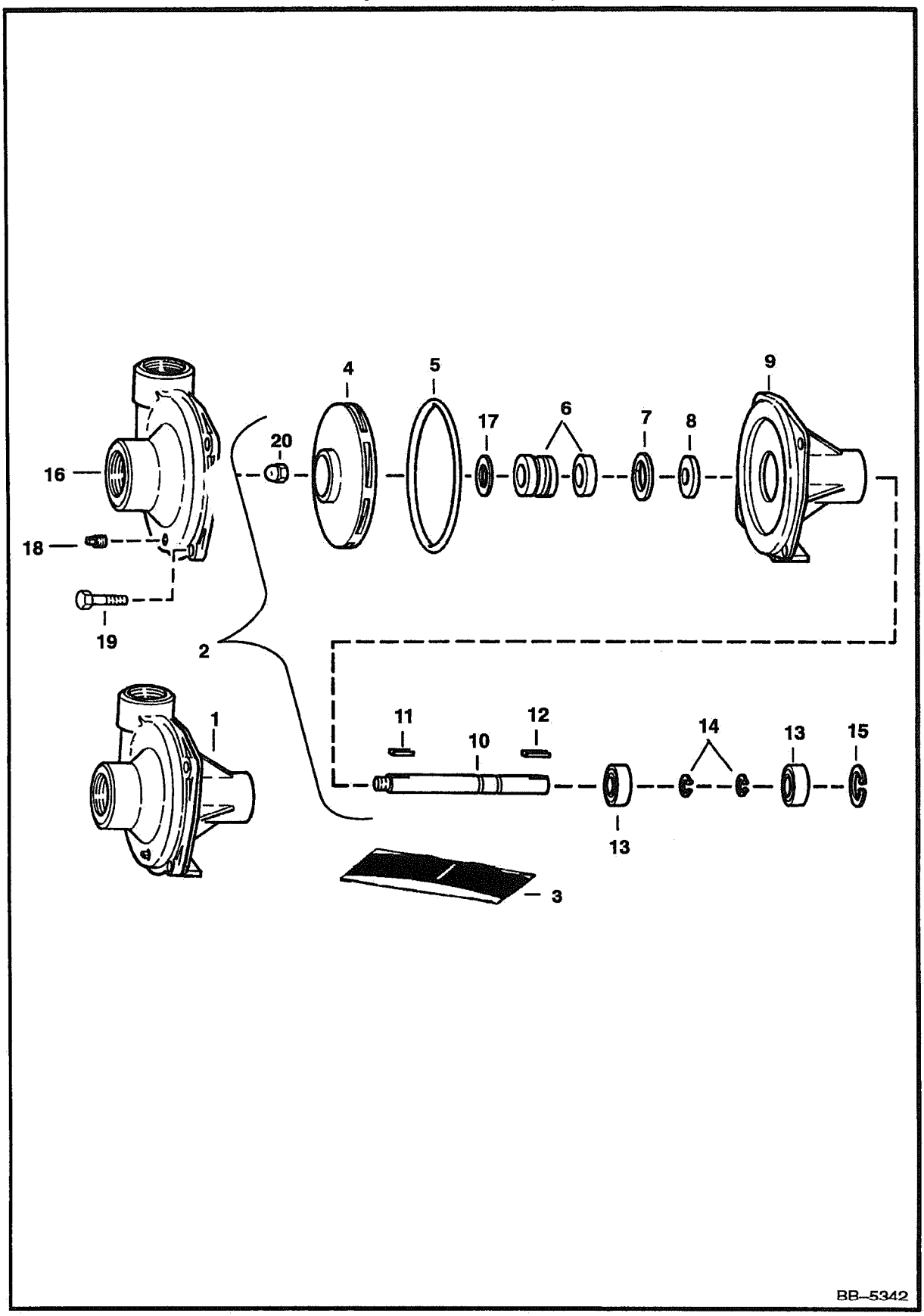
Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6625561	VALVE	Shut–off, W/Ref. 2 – 16		3
2	6630102	COVER			1
3	6630159	O–RING			1
4	6630103	SPRING	Diaphragm Closing		1
5	6630104	DIAPHRAGM	Rubber – Standard – See Note		1
	6632882	KIT	Teflon Diaphram – W/Ref. 3 and Spacer		x
6	NAP	BODY	Was 6630105 [A]		1
7	907992	NUT			4
8	6630106	PLUNGER	Solenoid		1
9	6630107	SPRING	Plunger Kick–Off		1
10	77K–17	O–RING			1
11	6630108	TUBE			1
12	6630160	SCREW			4
13	6625655	SOLENOID	Coil		1
14	NAP	NAMEPLATE	Was 6630110 [A]		1
15	NAP	SCREW	Was 6630161[A]		1
16	NAP	SCREW	Was 6630158 [A]		4

Melroe Hydraulic/Hydrostatic Fluid
is blended to our specifications
to meet or exceed requirements of our components.



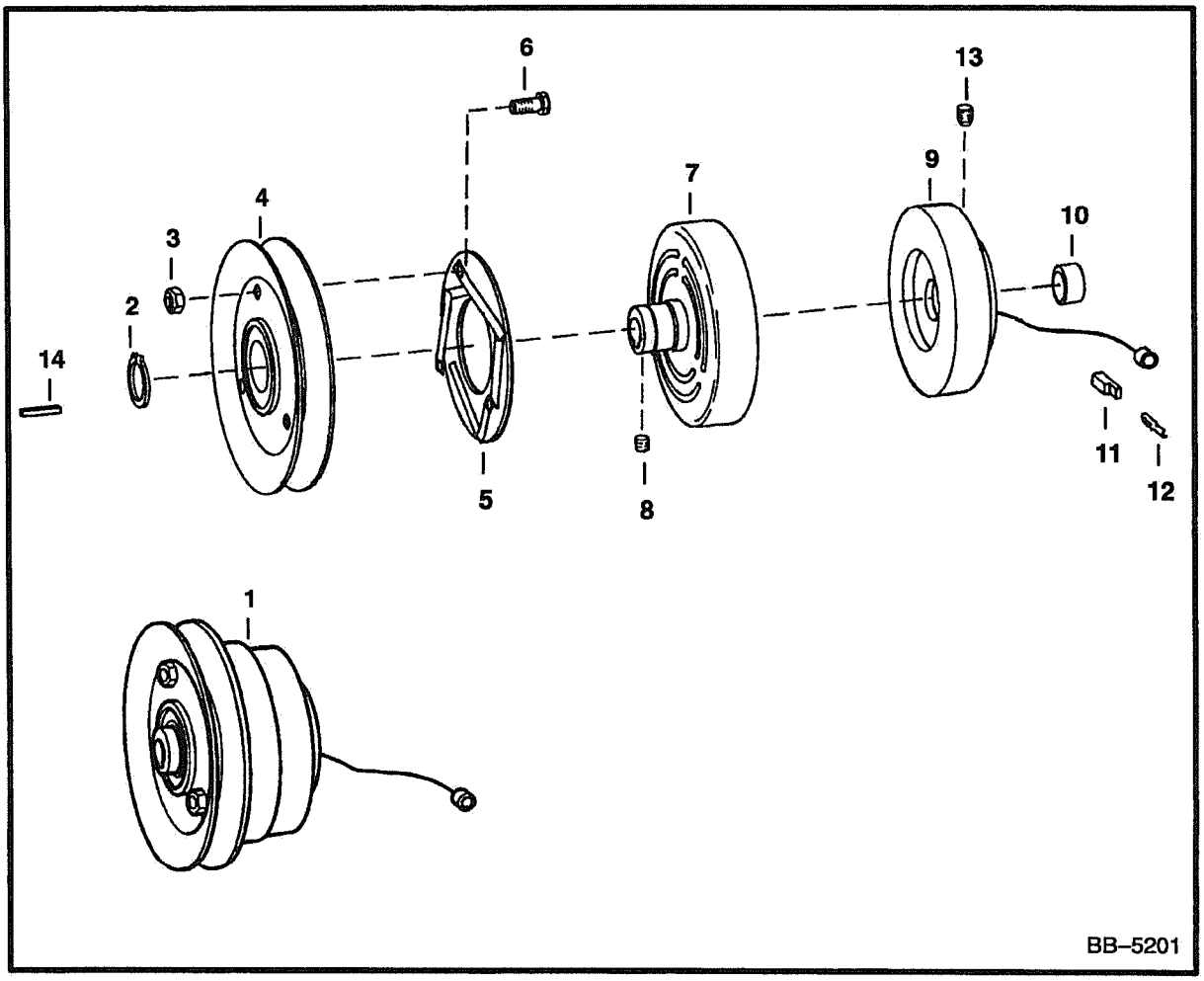
Available from Melroe Parts.

PUMP – HYPRO
(SPRAY SYSTEM)



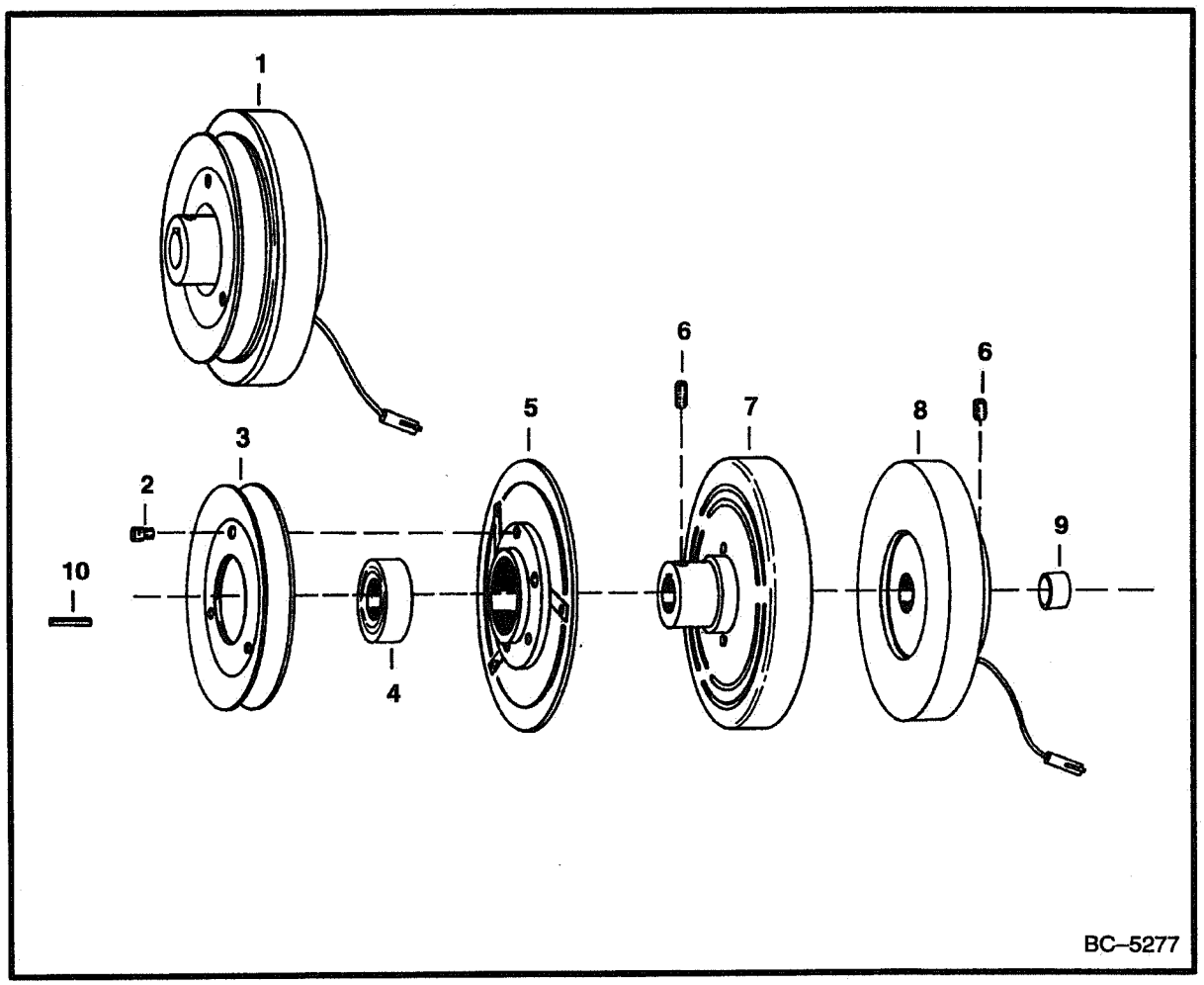
PUMP – HYPRO (Cont'd)
(SPRAY SYSTEM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6620618	PUMP	Hypro – W/Ref. 4 – 20 – 1.25" Inlet	220–6537 & Bel.	1
	6648562	PUMP	Hypro High Capacity W/Ref. 4–20 1.50" Inlet	208911001 & Abv. & 230	1
	6661123	PUMP	Hypro High capacity – W/Ref. 4–20 W/Silicon carbide seal	209211863 & Above	1
2	6670679	PUMP	Sub – Assy – W/Viton Seal W/Ref. 13–14, 16, 20		
3	6723000	KIT	Viton – Seal – W/Ref. 5, 6, 8, 17		1
	6723001	KIT	Silicon carbide –Seal W/Ref. 5, 6, 8, 17		1
4	6616219	IMPELLER			1
5	6616209	O–RING			1
6	NSS	SEAL	Viton – Order Ref. 3 – Was 6616217		1
	NSS	SEAL	Silicon carbide – Order Ref. 2		1
7	6616764	RETAINER			1
8	NSS	SLINGER RING	Order Ref. 3 – Was 6616765 [A]		1
9	6616766	FLANGE			1
10	6620675	SHAFT			1
11	6661126	KEY	Was 6616313 [A]		1
12*	7J–2104	KEY	Was 6616314 [A]		1
13	6610653	BEARING			2
14	6616221	SNAP RING	Not used on some pumps		2
15	6616767	RING			1
16	6620676	CASING	1.25" Inlet, 1" Outlet – Used with P/N 6620618		1
	6650114	CASING	1.50" Inlet, 1.25" Outlet – Used with P/N 6648562-6661123		1
17	NSS	GASKET	Viton – Order Ref. 3		1
18	6661127	PLUG	Stainless Steel–Was 6616745[A]		4
19	17C–612	BOLT			4
20	6661125	NUT	Stainless steel – Was 6616763 [A]		1



CLUTCH – ELECTRIC – MODEL 220
Model 220 S/N 6537 & Below
(SPRAY SYSTEM)

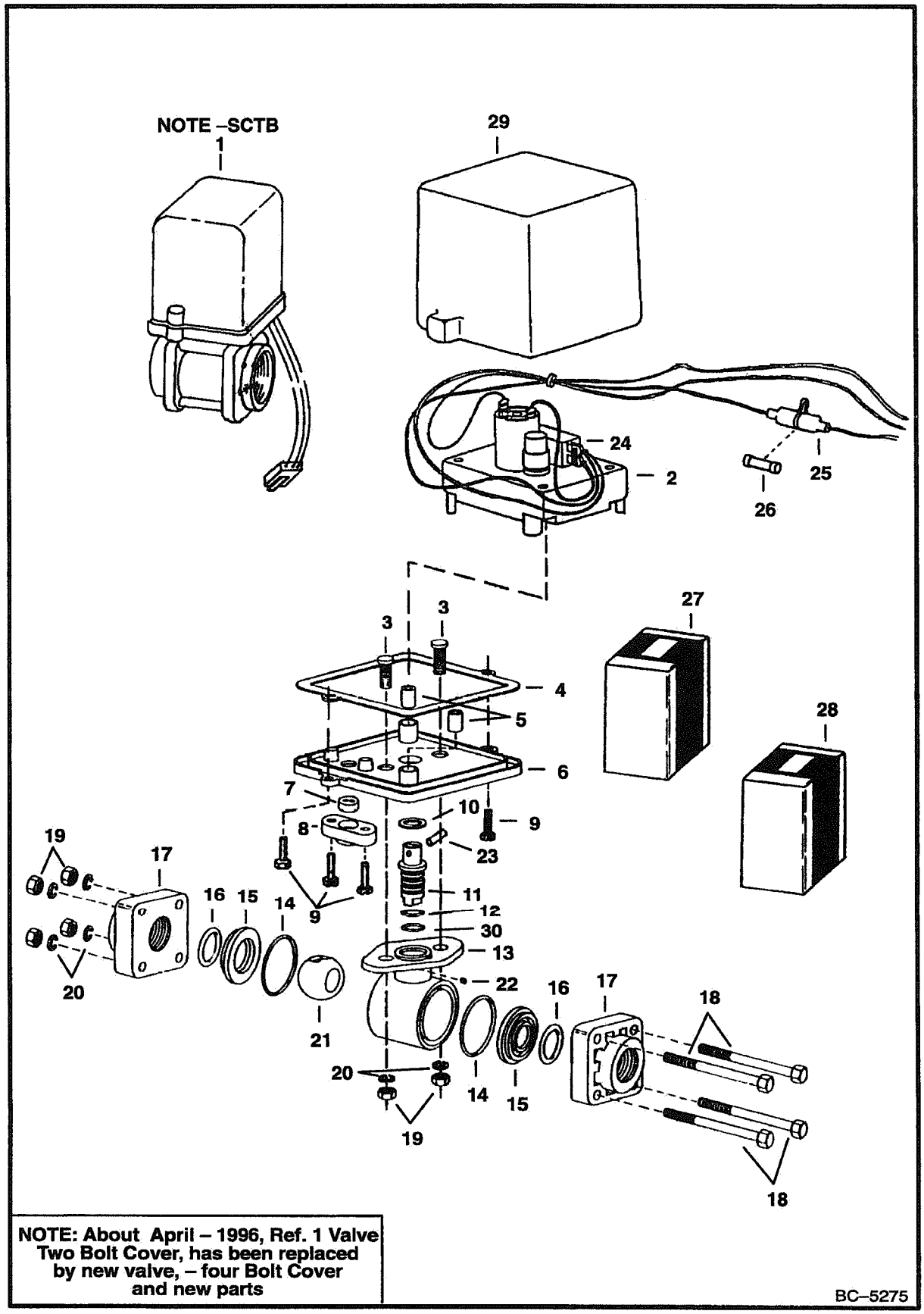
Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6623217	CLUTCH	Electric – Complete with weather pack connector – W/Ref. 2–10, 13 & 14		1
2	710774	SNAP RING			1
3	6624471	LOCKNUT			3
4	6599622	PULLEY			1
5	6599621	CLUTCH PLATE			1
6	46G–1010	BOLT			3
7	6599620	CLUTCH DRIVER			1
8	35G–804	SCREW			1
9	6624472	COIL RING	Complete with weather pack connector – Size 3-7/8 "		1
10	6649533	SPACER	Hypro – Was 6599624[A]		1
11	6519548	CONNECTOR		5555 & Below	1
12	733616	TERMINAL	Male	5555 & Below	1
13	15G–404	SCREW			1
14	7J–2104	KEY			1



CLUTCH – ELECTRIC HEAVY DUTY – MODEL 220 & 230
Model 220 S/N 208911001 & Above & 230
(SPRAY SYSTEM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6618020	CLUTCH	Complete Ref. 2-10– Was 6647823 [A]		1
2	6649534	SCREW			3
3	6649532	PULLEY			1
4	6649531	BEARING			1
5	6649530	CLUTCH PLATE			1
6	35G–804	SCREW			4
7	6649529	CLUTCH DRIVER			1
8	6617523	COIL RING	Complete with Weather Pack		
9	6649533	SPACER	Connector – Size 5-3/8 "		1 1
10	7J–2104	KEY			1

BALL VALVES – BOOM SELECTOR
(SPRAY SYSTEM)



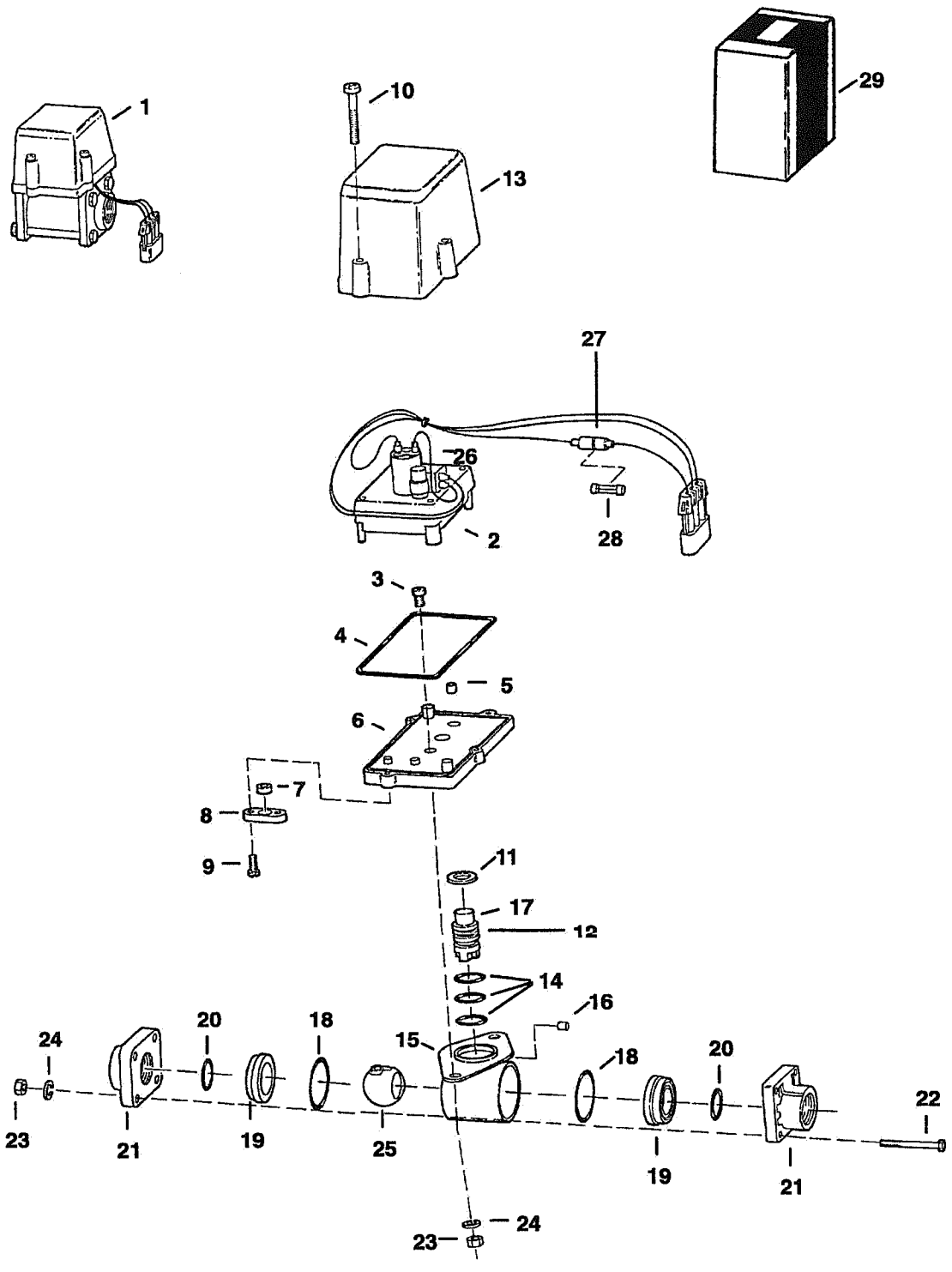
NOTE: About April – 1996, Ref. 1 Valve Two Bolt Cover, has been replaced by new valve, – four Bolt Cover and new parts

BC–5275

BALL VALVES – BOOM SELECTOR (Cont'd)
(SPRAY SYSTEM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	NAP	VALVE	2-Second Ball Shut-off – W/Ref. 2–24 – See SCTB–SC001 – Was Was 6617351 [A]		1
	6618341	VALVE	1-Second Ball Shut–off – W/Ref. 2-26 – See SCTB–SC001 – See Note		1
2	6649638	MOTOR	Sub–Assembly 1-Second Ball Valve – Less Ref. 24, 25 & 26		1
	NSS	MOTOR	Sub-Assembly 1-Second Valve – Order Kit Ref. 28		1
3	6649639	STUD	Self Clinching		2
4	6649640	GASKET			1
5	6649641	MOTOR MOUNT			2
6	6649642	PLATE	Mounting		1
7	6649643	GROMMET	EPDM Rubber – 2-Second Ball Valve		1
	6657290	GROMMET	EPDM Rubber – 1-Second Ball Valve		1
8	6649644	GROMMET	Retainer		1
9	6649645	SCREW			4
10	6666553	WASHER	Was NSS		1
11*	NAP	STEM	Order Ref.27 – Was 6649646 [A]		1
12	6666554	O–RING	Small Viton – Was NSS		1
13	6649647	BODY			1
14	6666556	O–RING	Viton – Was NSS		2
15	6666557	SEAL	Teflon – Was NSS		2
16	6666558	O–RING	Viton – Was NSS		2
17	6649648	END CAP			1
18	6649649	BOLT			4
19	6649650	NUT			6
20	6649651	WASHER			6
21	6666559	BALL	Was NSS		1
22	6666555	DUST PLUG	Felt – Was NSS		1
23	6657291	PIN	Swing – Stainless Steel		1
24	6657294	SWITCH	Limit – 1-Second Ball Valve Only		1
25	6657292	FUSE HOLDER	1-Second Ball Valve Only		1
26	6657293	FUSE	Glass – 1-Second Ball Valve Only		1
27	6649652	KIT	Spare Parts – Consists of Ref. 10, 12, 14–16, 21 & 22		1
28*	NAP	KIT	Spare Parts – Consists of Ref. 2 & 24–26 – Order Ref. 2		1
29	6649637	COVER	– Was 6657289 [A] 2 Bolt, mtg.		1
30	6666560	O–RING	Large – VI – TEF.		1

VALVES – SELECTOR BALL – BOOM
(Spray System)

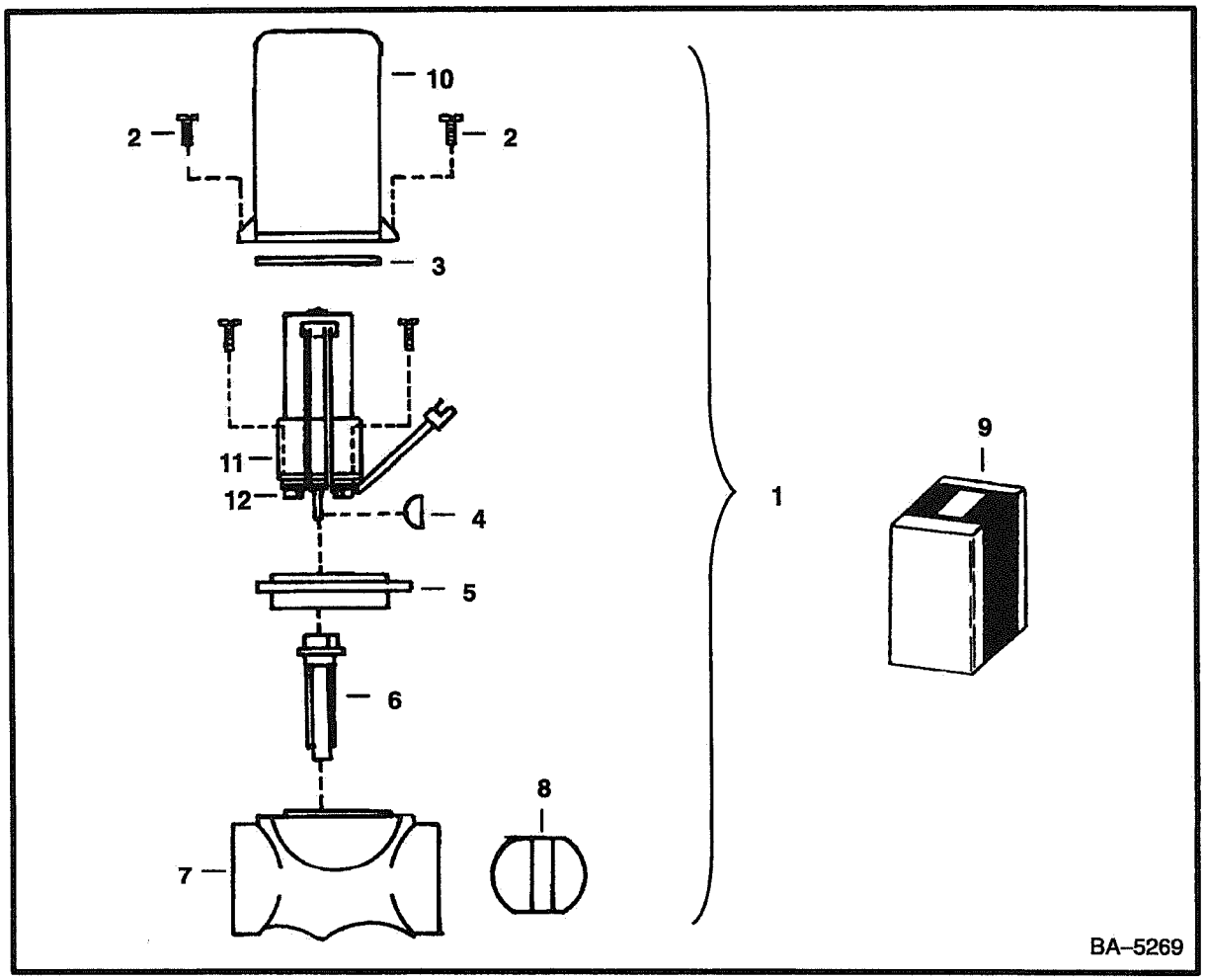


NOTE: About May 1996, production began using this valve, which is a Four Bolt Cover – Ref. 29 and new type Stem Ref. 12.

E–5090

VALVES – SELECTOR BALL – BOOM
(Spray System)

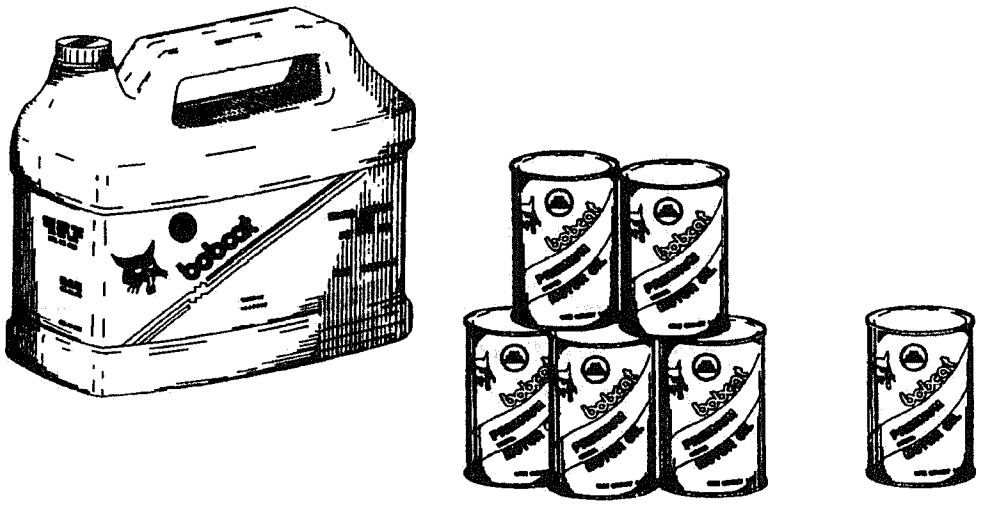
Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6618341	VALVE	1 – Second Ball Shut–Off – Complete – W/Ref. 2–29 – See Note		1
2	6670303	MOTOR	Sub. – Assy. – 1 Second Valve W/Ref. 26		2
3	6649639	STUD	Self Clinching		2
4	6670304	O–RING			1
5	6649641	MOTOR MOUNT			2
6	6649642	PLATE	mounting		1
7	6657290	GROMMET	EPDM Rubber		1
8	6649644	GROMMET	Retainer		1
9	6649645	SCREW			2
10	6670305	SCREW			4
11	6666553	WASHER	TeFlow		1
12	6670306	STEM			1
13	6670302	COVER	4 – Bolt Mtg.		1
14	6670307	O–RING	Viton – TeFlow		3
15	6649647	BODY			1
16	6666555	DUST PLUG	Felt		1
17	6657291	PIN	Spring – Stainless Steel		1
18 *	6673037	O–RING	Viton – Was 6666556 [A]		2
19	6670308	SEAL	Teflon		2
20	6666558	O–RING	Viton		2
21	6649648	END CAP			2
22	6649649	BOLT			4
23	6649650	NUT			6
24	6649651	WASHER			6
25	NSS	BALL	Order Ref. 26		1
26	6657294	SWITCH	Limit 1 – Second Ball Valve		1
27	6670309	FUSE HOLDER	1 – Second Ball Valve		1
28	6657293	FUSE	Glass – 1 – Second Valve		1
29	6649652	KIT	Spare Parts – Consists of Ref. 11, 12, 14, 16, 18–20, 25 – Was 6670310 [A]		1



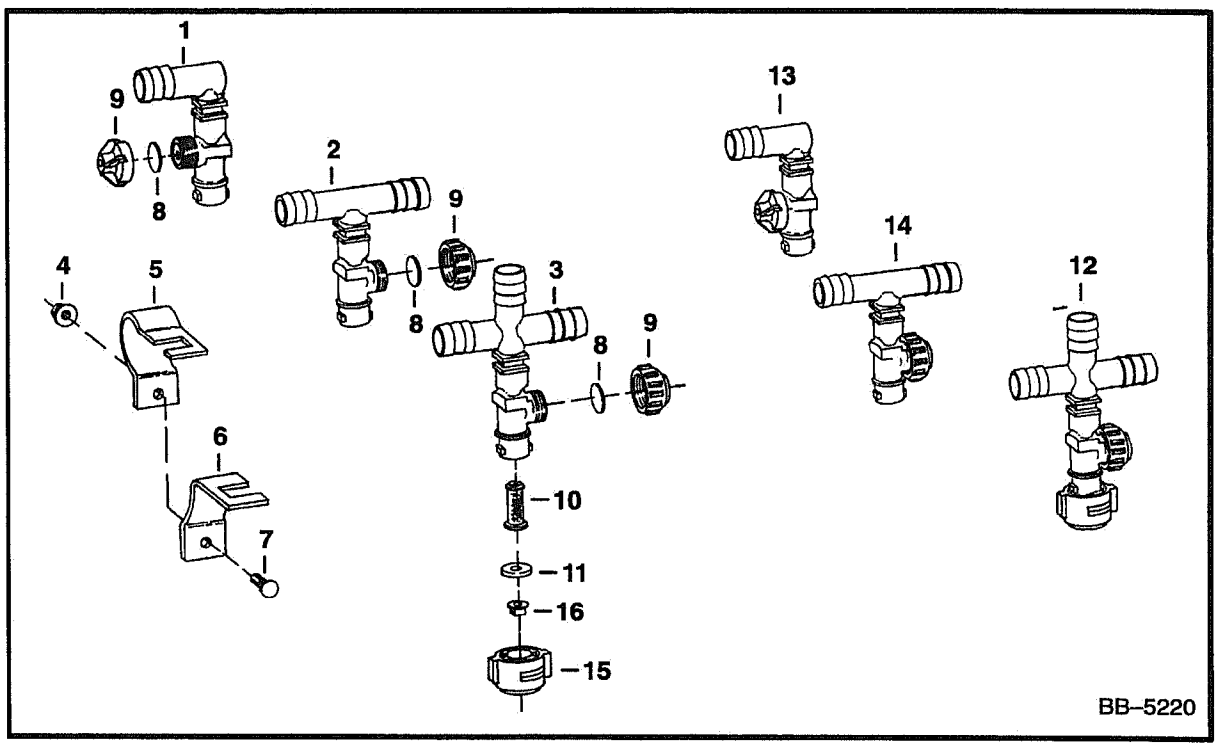
VALVE – PRESSURE CONTROL (SPRAY SYSTEM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6632184	VALVE	Complete W/Ref. 2–8, 10 & 12		1
2	NSS	SCREW	Self Tapping – Order Ref. 9		6
3	6649635	SEAL	Tetraseal – Supplied W/Valve		
			Body, Ref. 7		1
4	NSS	KEY	Woodruff – Order Ref. 9		1
5	NSS	ISOLATION FLANGE	Order Ref. 9		1
6	NSS	COUPLER SHAFT	Order Ref. 9		1
7	NSS	VALVE BODY	W/Seal – Ref. 3 – Order Ref. 9		1
8	NSS	BUTTERFLY	Order Ref. 9		1
9	6631580	REPAIR KIT	Includes Ref. 2 & 4–8		1
10	6649633	COVER	Valve		1
11	6649634	MOTOR	Assy. – W/Ref. 12		1
12	6651305	CIRCUIT BOARD	W/Weather Pack		1

Melroe has engine oil blended to our specifications which meet or exceed the highest demands of your engine.



Available from Melroe Parts.



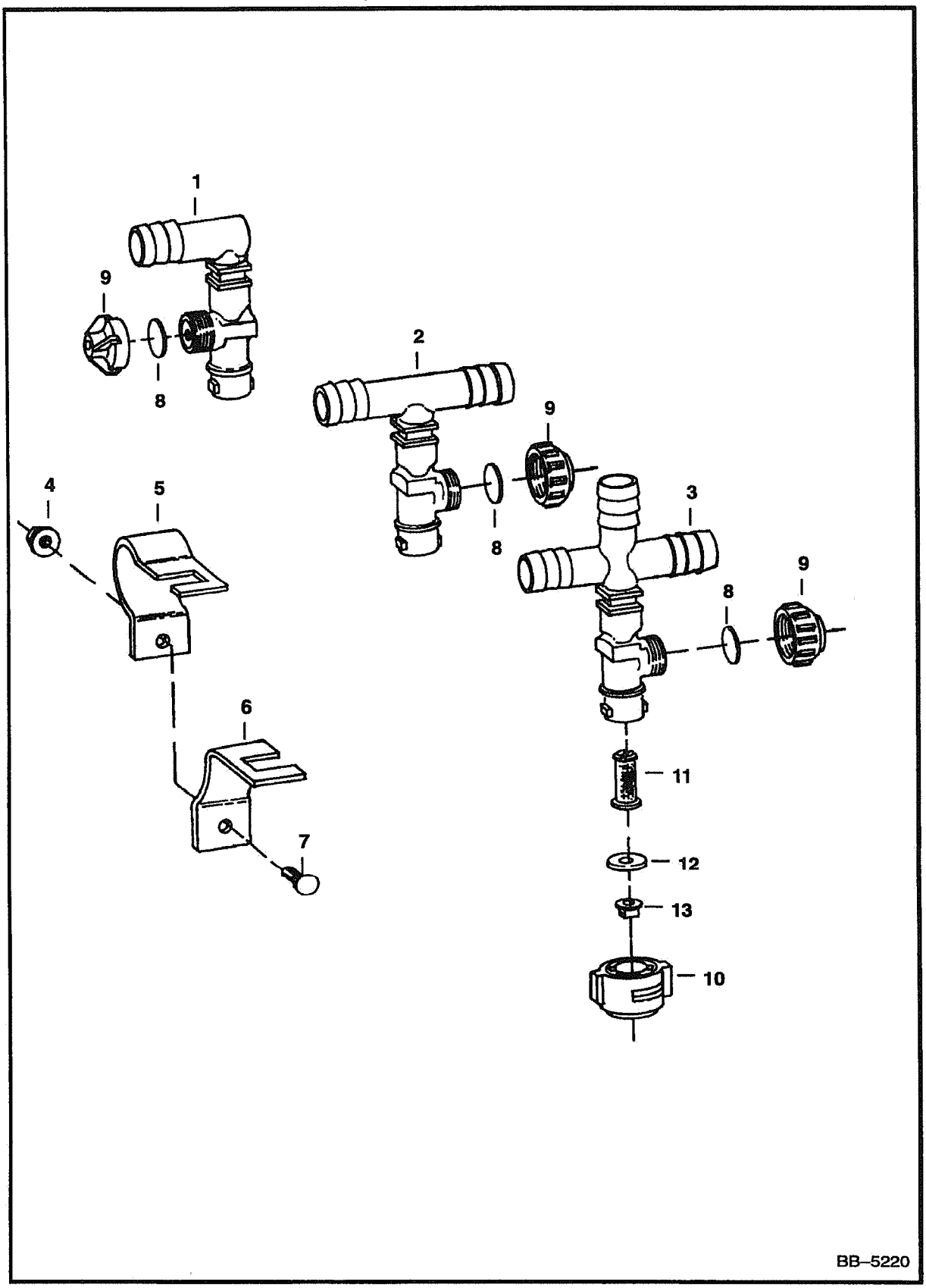
NOZZLE – QUICK JET – W/80° TIP – MODEL 220 (S/N & BELOW)
Model 220 – S/N 20921156 & Bel. – S/N 208912918 & Below
(SPRAY SYSTEM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6652826	BODY	Nozzle Single – W/Ref. 8 & 9		1
2	6652827	BODY	Nozzle Double – W/Ref. 8 & 9		1
3	6652828	BODY	Nozzle Triple – W/Ref. 8 & 9		1
4	83D–4	NUT			1
5	6625364	BRACKET	Fits Tube – 1-1/2" (38,1mm)		1
6	6625365	BRACKET	Fits Tube – 1-1/2" (38,1mm)		1
7	7C–412	BOLT			1
8	6633638	DIAPHRAGM			1
9	6633637	RETAINER	W/End Cap – 10 lbs.		1
	6661283	RETAINER	W/End Cap – 2 lbs.		1
10	6630911	STRAINER–BRASS	50 Mesh – Standard		1
	6630912	STRAINER	100 Mesh		1
11	6630910	GASKET SEAT			1
12	6625985	NOZZLE ASSY.	Triple – Complete with standard tip, (8002), Ref. 3, 8–11 15, & 16 with 50 Mesh Screen		1
13	6625983	NOZZLE ASSY.	Single – Complete with standard tip, (8002), Ref. 1, 8–11, 15 & 16 with 50 Mesh Screen		1
14	6625984	NOZZLE ASSY.	Double – Complete with standard tip, (8022) Ref. 2, 8–11, 15 & 16 with 50 Mesh Screen		1
15	6659606	CAP	Black – Was 6658107 [A]		1
	6659608	CAP	Green – Was 6631621 [A]		1
	6659607	CAP	Orange – Was 6631622 [A]		1
	6631620	CAP	Spray Tip – White		1
	6649020	SHUT–OFF	Quick–T–Jet		1

NOZZLE – QUICK JET – W/80° TIP – MODEL – 220 (S/N & BELOW) (Cont'd)
Model 220 – S/N 20921156 & Bel. – S/N 208912918 & Below
(SPRAY SYSTEM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
16	6641252	TIP	Plastic Lurmark 80° 01–F80 (Pink)		1
	6641236	TIP	Brass TeeJet 80° 8001		1
	6641237	TIP	Stainless Steel Insert TeeJet 80°		
	6667488	TIP	8001 – Orange Plastic Lurmark 80° 015–F80 – Royal Green – Was 6641259 [A],		1
			Lt. Brown		1
	6641250	TIP	Brass TeeJet 80° 80015		1
	6641251	TIP	Stainless Steel Insert TeeJet		
	6667482	TIP	80° 80015 – Green Plastic Lurmark 80° 02–F80 – Yellow – Was 6641253 [A],		1
			Orange		1
	6641238	TIP – STANDARD	Brass TeeJet 80° 8002		1
	6641239	TIP	Stainless Steel Insert TeeJet		
	6667483	TIP	80° 8002 – Yellow Plastic Lurmark 80° 03–F80 – Blue – Was6641254 [A] , Red		1 1
	6641240	TIP	Brass TeeJet 80° 8003		1
	6641241	TIP	Stainless Steel Insert TeeJet 80° 8003 – Blue		1
	6667484	TIP	Plastic Lurmark 80° 04–F80 – Red – Was 6641255 [A], Cambridge Blue		1
	6641242	TIP	Brass TeeJet 80° 8004		1
	6641243	TIP	Stainless Steel Insert TeeJet 80° 8004 – Red		1
	6667485	TIP	Plastic Lurmark 80° 05–F80 – Light Brown – Was 6641256[A], Yellow		1
	6641244	TIP	Brass TeeJet 80° 8005		1
	6641245	TIP	Stainless Steel Insert TeeJet 80° 8005 – Brown		1
	6667486	TIP	Plastic Lurmark 80° 06–F80 – Gray – Was 6641257[A], Lime Green		1
	6641246	TIP	Brass TeeJet 80° 8006		1
	6641247	TIP	Stainless Steel Insert TeeJet 80° 8006 – Gray		1
	6667487	TIP	Plastic Lurmark 80° 08–F80 – White – Was6641258 [A], Moss Green		1
	6641248	TIP	Brass TeeJet 80° 8008		1
	6641249	TIP	Stainless Steel Insert TeeJet 80° 8008 – White		1

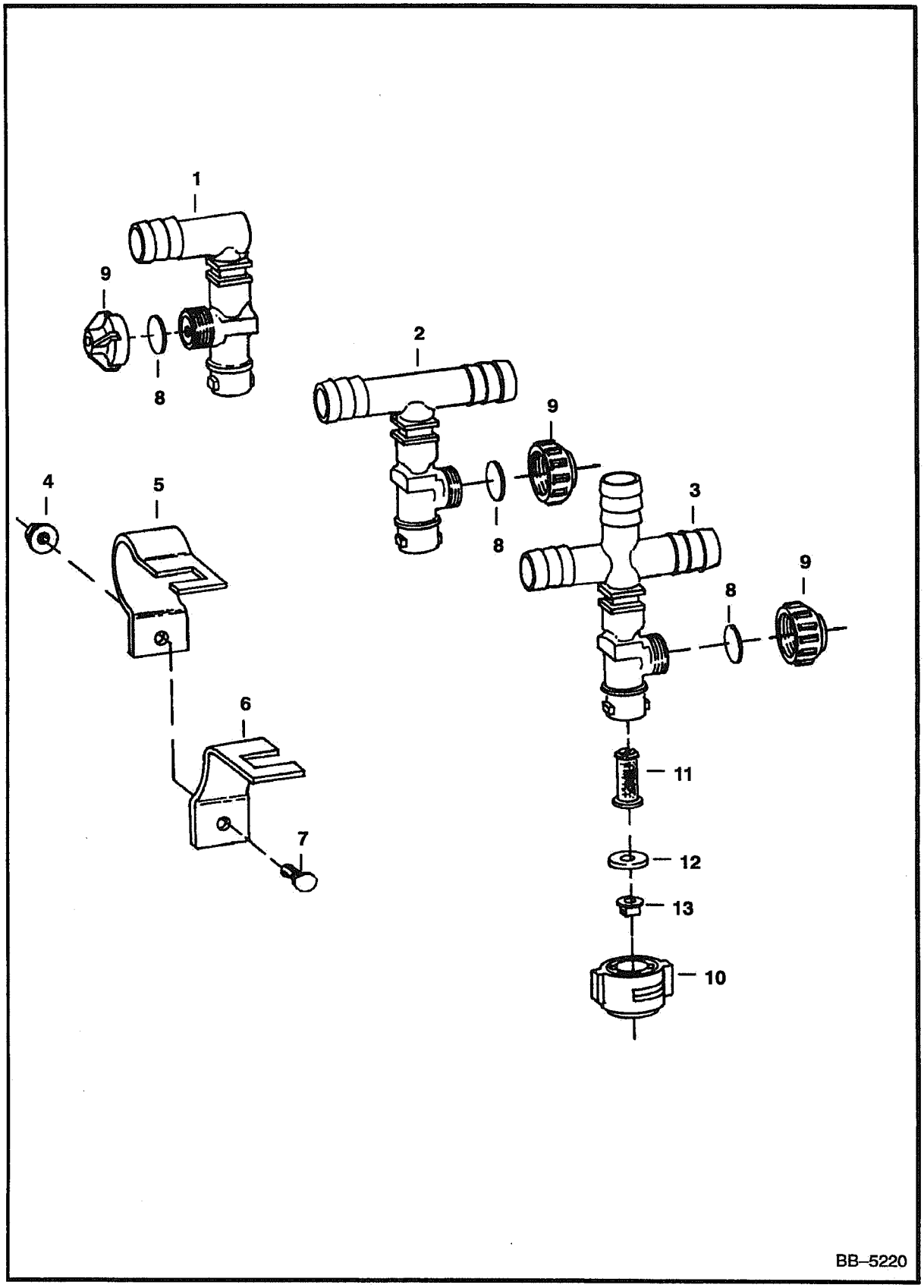
NOZZLE – QUICK JET – W/80° TIP – MODEL 230 (S/N & BELOW)
Model 230 – S/N 209011660 & Below
(SPRAY SYSTEM)



NOZZLE – QUICK JET – W/80° TIP – MODEL 230 (S/N & BELOW) (Cont'd)
Model 230 – S/N 209011660 & Below
(SPRAY SYSTEM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6652826	BODY	Nozzle Single – Includes Ref. 8 & 9		1
2	6652827	BODY	Nozzle Double – Includes Ref. 8 & 9		1
3	6652828	BODY	Nozzle Triple–Includes Ref. 8 & 9		1
4	83D–4	NUT	Was 6599341 [A]		1
5	6625364	BRACKET	Fits Tube – 1-1/2" (38,1mm)		1
6	6625365	BRACKET	Fits Tube – 1-1/2" (38,1mm)		1
7	7C–412	BOLT			1
8	6649520	DIAPHRAGM	Viton		1
9	6633637	RETAINER	W/End Cap – 10 lbs.		1
	6661283	RETAINER	W/End Cap – 2 lbs.		1
10	6659606	CAP	Black – Was 6658107 [A]		1
	6659608	CAP	Green – Was 6631621 [A]		1
	6659607	CAP	Orange – Was 6631622 [A]		1
	6659609	CAP	White		1
	6649020	SHUT–OFF	Quick–T–Jet		1
11	6630911	STRAINER–BRASS	50 Mesh – Standard		1
	6630912	STRAINER	100 Mesh		1
12	6649521	GASKET SEAT	Viton		1
13	6667481	TIP	Plastic Lurmark 80° 01–F80 – Orange – Was6641252[A], Pink		1
	6641236	TIP	Brass TeeJet 80° 8001		1
	6641237	TIP	Stainless Steel Insert TeeJet		
	6667488	TIP	80° 8001 – Orange Plastic Lurmark 80° 015–F80 – Royal Green – Was 6641259 [A],		1
	6641250	TIP	Lt. Brown Brass TeeJet 80° 80015		1
	6641251	TIP	Stainless Steel Insert TeeJet		1
	6667482	TIP	80° 80015 – Green Plastic Lurmark 80° 02–F80 – Yellow – Was 6641253 [A],		1
	6641238	TIP – STANDARD	Orange Brass TeeJet 80° 8002		1
	6641239	TIP	Stainless Steel Insert TeeJet		1
	6667483	TIP	80° 8002 – Yellow Plastic Lurmark 80° 03–F80 – Blue – Was6641254 [A] , Red		1
	6641240	TIP	Brass TeeJet 80° 8003		1
	6641241	TIP	Stainless Steel Insert TeeJet 80° 8003 – Blue		1
	6667484	TIP	Plastic Lurmark 80° 04–F80 – Red – Was 6641255 [A], Cambridge Blue		1
	6641242	TIP	Brass TeeJet 80° 8004		1
	6641243	TIP	Stainless Steel Insert TeeJet 80° 8004 – Red		1

NOZZLE – QUICK JET – W/80° TIP – MODEL 230 (S/N & BELOW) (Cont'd)
Model 230 – S/N 209011660 & Below
(Spray System)

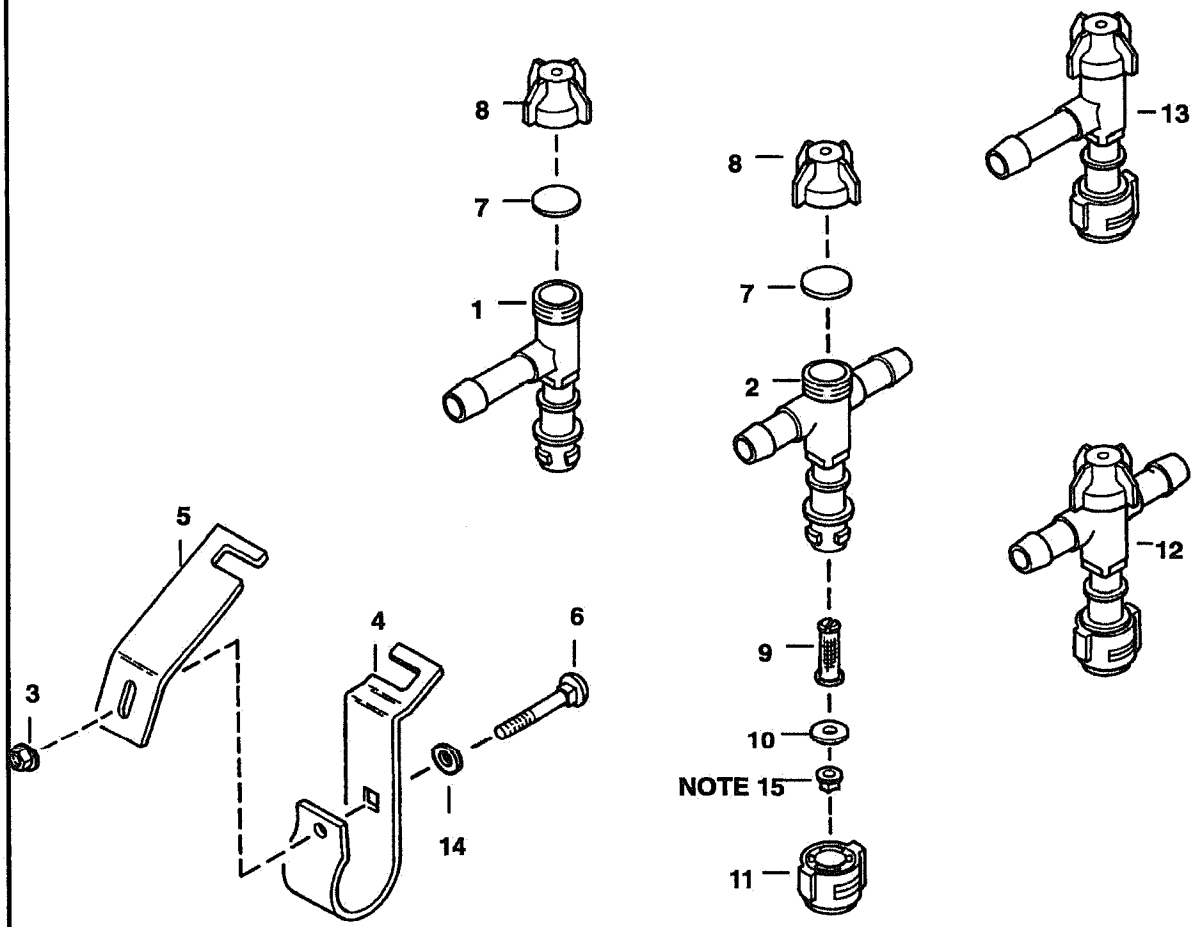


NOZZLE – QUICK JET – W/80° TIP – MODEL 230 (S/N & BELOW) (Cont'd)
Model 230 – S/N 209011660 & Below
(SPRAY SYSTEM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
	6667485	TIP	Plastic Lurmark 80° 05–F80 – Light Brown – Was 6641256[A], Yellow		1
	6641244	TIP	Brass TeeJet 80° 8005		1
	6641245	TIP	Stainless Steel Insert TeeJet 80° 8005 – Brown		1
	6667486	TIP	Plastic Lurmark 80° 06–F80 – Gray – Was 6641257[A], Lime Green		1
	6641246	TIP	Brass TeeJet 80° 8006		1
	6641247	TIP	Stainless Steel Insert TeeJet 80° 8006 – Gray		1
	6667487	TIP	Plastic Lurmark 80° 08–F80 – White – Was6641258 [A], Moss Green		1
	6641248	TIP	Brass TeeJet 80° 8008		1
	6641249	TIP	Stainless Steel Insert TeeJet 80° 8008 – White		1

NOZZLE – QUICK JET – W/80° TIP – MODEL 220 (S/N & ABOVE)
Model 220 – S/N 209211157 & Above – S/N 208912919 & Above
(SPRAY SYSTEM)

NOTE: Polymer Tip Ref. 15 is Standard on 1996 model –not available as part stock.

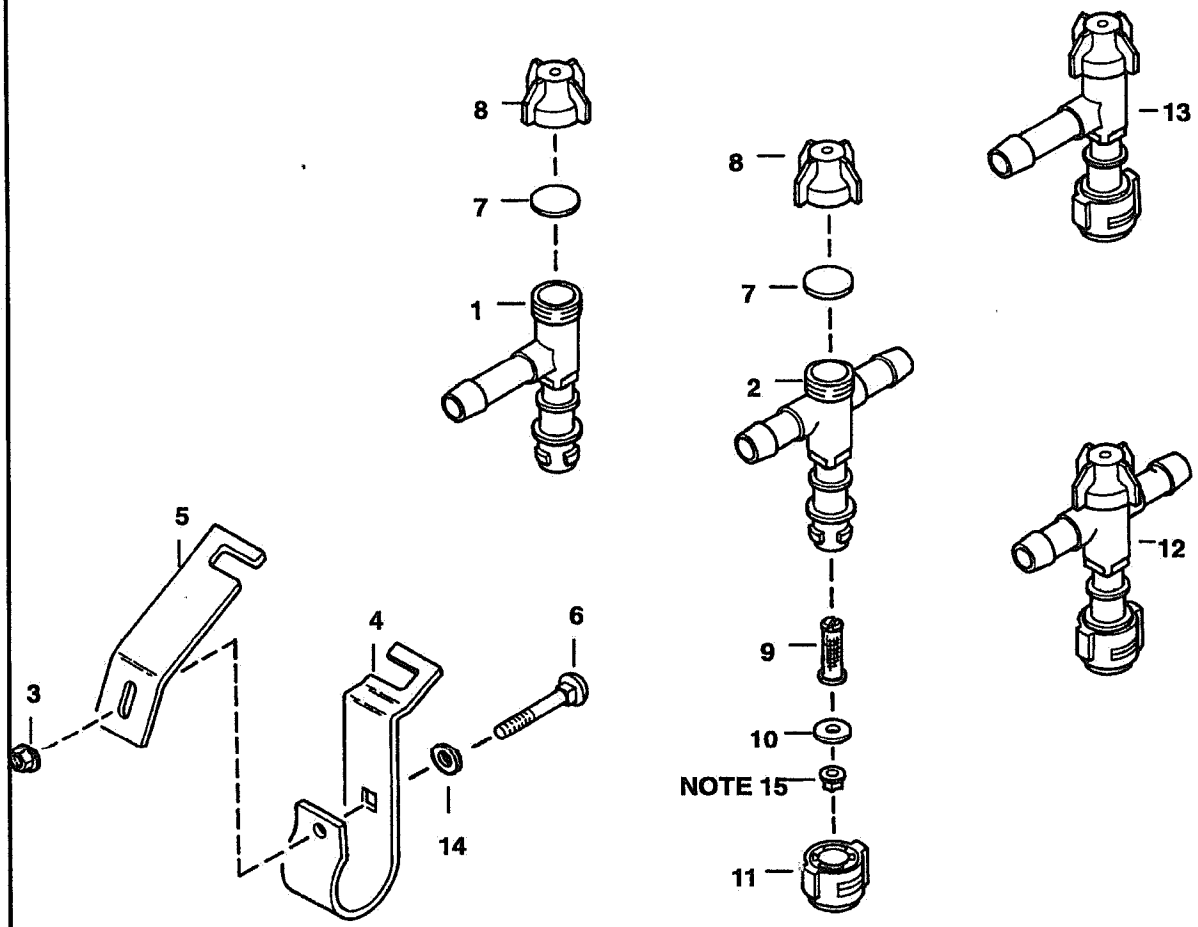


NOZZLE – QUICK JET – W/80° TIP – MODEL 220 (S/N & ABOVE) (Cont'd)
Model 220 – S/N 209211157 & Above – S/N 208912919 & Above
(SPRAY SYSTEM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6660072	BODY	Nozzle Single		1
2	6660071	BODY	Nozzle Double		1
3	42DM–6	NUT	Was 45DM–6 [A]		1
4	6626122	BRACKET	Lower – Tube 1-3/4" (44,45mm)		36
5	6626121	BRACKET	Upper – Tube 1-3/4" (44,45mm)		36
6	21CM–660	BOLT	Was 28CM–660[A]		1
	1CM–655	BOLT			1
7	6633638	DIAPHRAGM			1
8	6633637	RETAINER–STD	W/End Cap – 10 lbs.		1
	6661283	RETAINER	W/End Cap – 2 lbs.		1
9	6597781	STRAINER–POLY	50 Mesh – Standard – Was		
			6630911 [A]		1
	6669392	STRAINER–POLY	100 Mesh – Was 6630912 [A]		1
10	6630910	GASKET SEAT			1
11	6659609	CAP	White		1
	6659608	CAP	Green – Was 6631621[A]		1
	6659607	CAP	Orange – Was 6631622 [A]		1
	6659606	CAP–STD	Black		1
	6649020	SHUT–OFF	Quick-T-Jet		1
12	6626142	NOZZLE ASSY.	Double – Complete with		
			standard tip, (8002), Ref. 2, 7–10, 11 & 14 with 50 Mesh Screen		1
13	6626141	NOZZLE ASSY.	Single – Complete with standard tip, (8002), Ref. 1, 7–10, 11 & 14 with 50 Mesh Screen		1
14	25E–13	WASHER			4
15	6667481	TIP	Plastic Lurmark 80° 01–F80 – Orange – Was6641252[A], Pink		1
	6641236	TIP	Brass TeeJet 80° 8001		1
	6641237	TIP	Stainless Steel Insert TeeJet 80° 8001 – Orange		1
	6667488	TIP	Plastic Lurmark 80° 015–F80 – Royal Green –Was 6641259 [A], Lt. Brown		1
	6641250	TIP	Brass TeeJet 80° 80015		1
	6641251	TIP	Stainless Steel Insert TeeJet 80° 80015 – Green		1
	6667482	TIP	Plastic Lurmark 80° 02–F80 – Yellow – Was 6641253 [A], Orange		1
	6641238	TIP – STANDARD	Brass TeeJet 80° 8002		1
	6641239	TIP	Stainless Steel Insert TeeJet 80° 8002 – Yellow		1
	6667483	TIP	Plastic Lurmark 80° 03–F80 – Blue – Was6641254 [A] , Red		1
	6641240	TIP	Brass TeeJet 80° 8003		1

NOZZLE – QUICK JET – W/80° TIP – MODEL 220 (S/N & ABOVE) (Cont'd)
Model 220 – S/N 209211157 & Above – S/N 208912919 & Above
(SPRAY SYSTEM)

NOTE: Polymer Tip Ref. 15 is Standard on 1996 model –not available as part stock.



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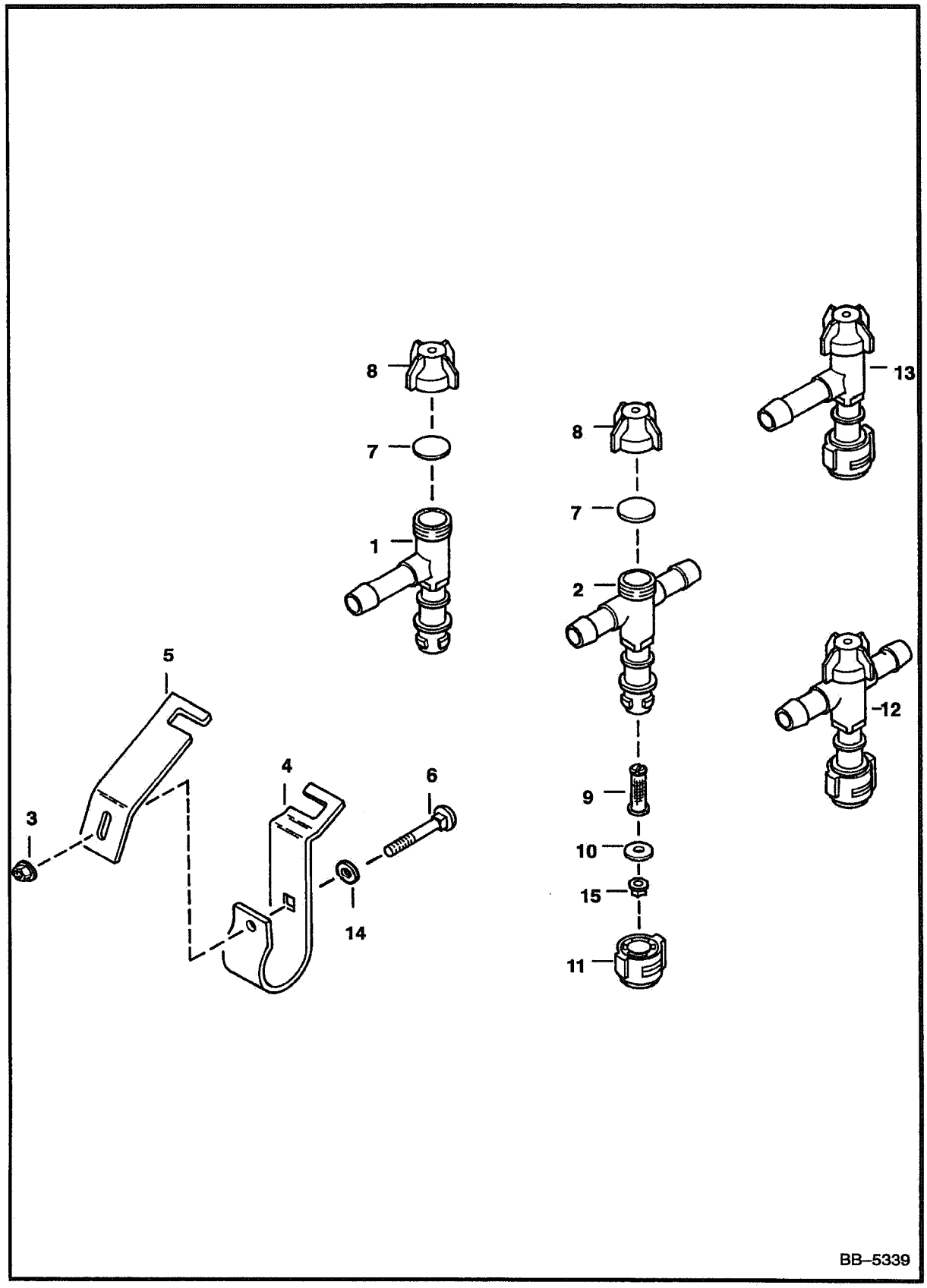
NOZZLE – QUICK JET – W/80° TIP – MODEL 220 (S/N & ABOVE) (Cont'd)
Model 220 – S/N 209211157 & Above – S/N 208912919 & Above
(SPRAY SYSTEM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
	6641241	TIP	Stainless Steel Insert TeeJet 80° 8003 – Blue		1
	6667484	TIP	Plastic Lurmark 80° 04–F80 – Red – Was 6641255 [A], Cambridge Blue		1
	6641242	TIP	Brass TeeJet 80° 8004		1
	6641243	TIP	Stainless Steel Insert TeeJet 80° 8004 – Red		1
	6667485	TIP	Plastic Lurmark 80° 05–F80 – Light Brown – Was 6641256[A], Yellow		1
	6641244	TIP	Brass TeeJet 80° 8005		1
	6641245	TIP	Stainless Steel Insert TeeJet 80° 8005 – Brown		1
	6667486	TIP	Plastic Lurmark 80° 06–F80 – Gray – Was 6641257[A], Lime Green		1
	6641246	TIP	Brass TeeJet 80° 8006		1
	6641247	TIP	Stainless Steel Insert TeeJet 80° 8006 – Gray		1
	6667487	TIP	Plastic Lurmark 80° 08–F80 – White – Was6641258 [A], Moss Green		1
	6641248	TIP	Brass TeeJet 80° 8008		1
	6641249	TIP	Stainless Steel Insert TeeJet 80° 8008 – White		1

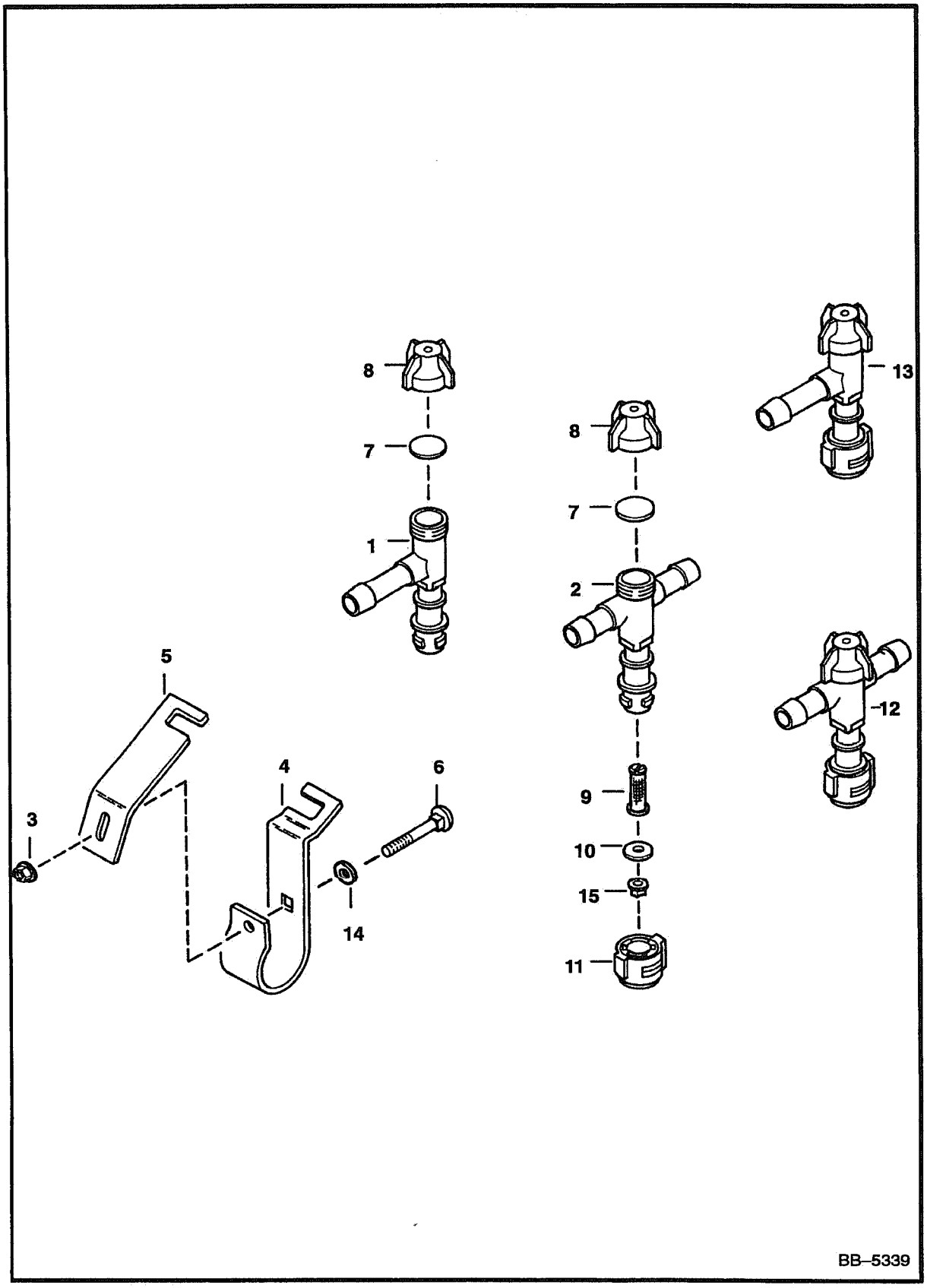
NOZZLE – QUICK JET – W/80° TIP – MODEL 230 (S/N & ABOVE)
Model 230 – S/N 209011661 & Above
(SPRAY SYSTEM)



NOZZLE – QUICK JET – W/80° TIP – MODEL 230 (S/N & ABOVE) (Cont'd)
Model 230 – S/N 209011661 & Above
(SPRAY SYSTEM)

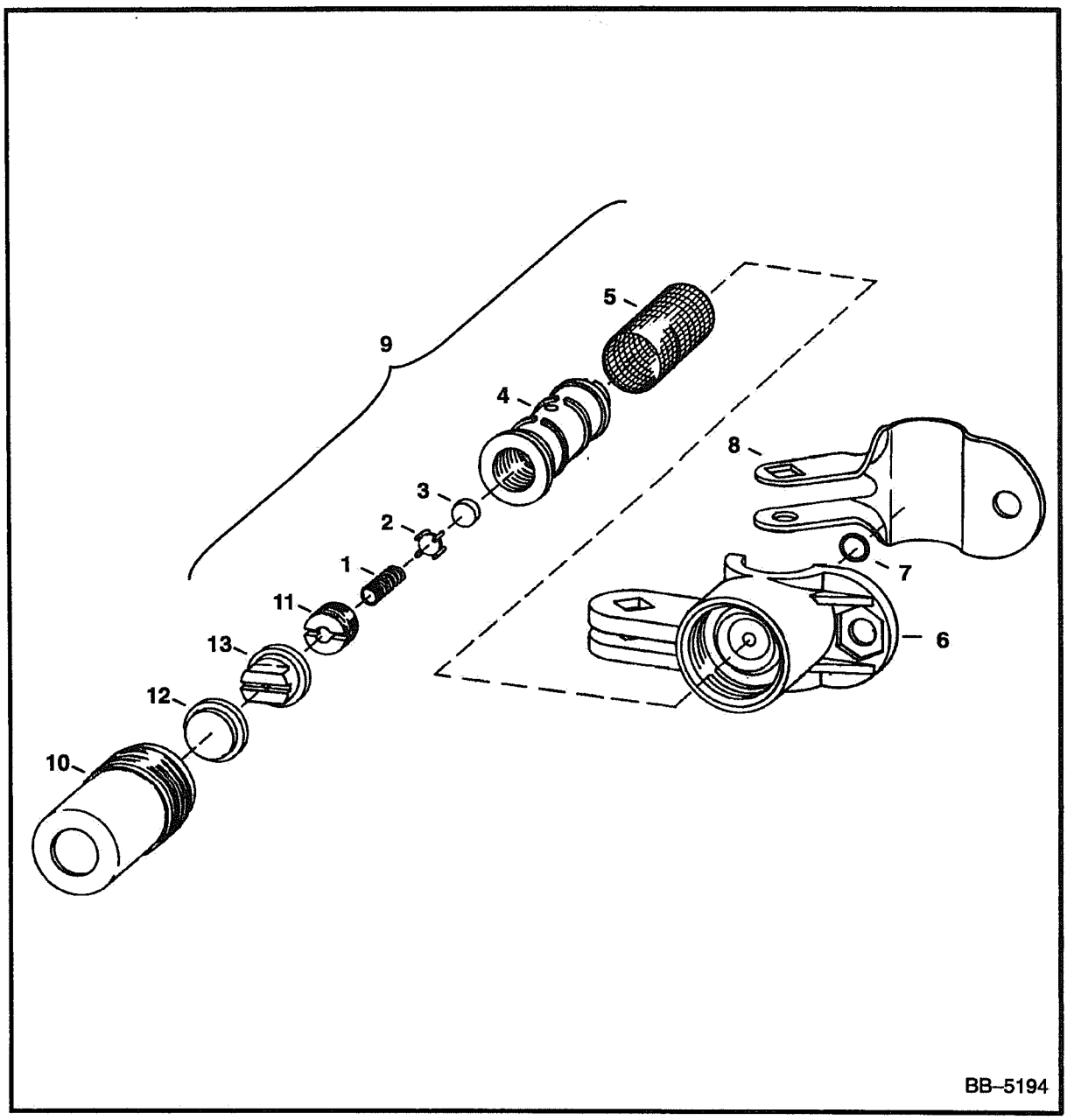
Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6660072	BODY	Nozzle Single		1
2	6660071	BODY	Nozzle Double		1
3	42DM–6	NUT	Was 45DM–6 [A]		1
4	6626122	BRACKET	Lower – Tube 1-3/4" (44,45mm)		36
5	6626121	BRACKET	Upper – Tube 1-3/4" (44,45mm)		36
6	21CM–660	BOLT	Was 28CM–660 [A]		1
	1CM–655	BOLT			1
7	6649520	DIAPHRAGM	Viton		1
8	6633637	RETAINER–STD	W/End Cap – 10 lbs.		1
	6661283	RETAINER	W/End Cap – 2 lbs.		1
9	6597781	STRAINER – POLY	50 Mesh – Standard – Was 6630911 [A]		1
	6669392	STRAINER – POLY	100 Mesh – Was 6630912 [A]		1
10	6649521	GASKET SEAT	Viton		1
11	6659609	CAP – STANDARD	Spray Tip (White)		1
	6659608	CAP	Green – Was 6631621 [A]		1
	6659607	CAP	Orange – Was 6631622 [A]		1
	6659606	CAP	Black		1
	6649020	SHUT–OFF	Quick–T–Jet		1
12	6626134	NOZZLE ASSY.	Double – Complete W/Standard Tip – 8002– Ref. 2, 7– 11, 14		
13	6626133	NOZZLE ASSY.	with 50 Mesh Screen Single – Complete W/ Standard Tip – 8002 – Ref. 1, 7– 11, 14		26
			with 50 Mesh Screen		10
14	25E–13	WASHER			4
15	6667481	TIP	Plastic Lurmark 80° 01–F80 – Orange – Was6641252[A], Pink		1
	6641236	TIP	Brass TeeJet 80° 8001		1
	6641237	TIP	Stainless Steel Insert TeeJet		
	6667488	TIP	80° 8001 – Orange Plastic Lurmark 80° 015–F80 – Royal Green –Was 6641259 [A],		1
			Lt. Brown		1
	6641250	TIP	Brass TeeJet 80° 80015		1
	6641251	TIP	Stainless Steel Insert TeeJet		
	6667482	TIP	80° 80015 – Green Plastic Lurmark 80° 02–F80 – Yellow – Was 6641253 [A],		1
			Orange		1
	6641238	TIP – STANDARD	Brass TeeJet 80° 8002		1
	6641239	TIP	Stainless Steel Insert TeeJet		
	6667483	TIP	80° 8002 – Yellow Plastic Lurmark 80° 03–F80 – Blue – Was6641254 [A] , Red		1 1
	6641240	TIP	Brass TeeJet 80° 8003		1
	6641241	TIP	Stainless Steel Insert TeeJet 80° 8003 – Blue		1

NOZZLE – QUICK JET – W/80° TIP – MODEL 230 (S/N & ABOVE) (Cont'd)
Model 230 – S/N 209011661 & Above
(SPRAY SYSTEM)



NOZZLE – QUICK JET – W/80° TIP – MODEL 230 (S/N & ABOVE) (Cont'd)
Model 230 – S/N 209011661 & Above
(SPRAY SYSTEM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
	6667484	TIP	Plastic Lurmark 80° 04–F80 – Red – Was 6641255 [A], Cambridge Blue		1
	6641242	TIP	Brass TeeJet 80° 8004		1
	6641243	TIP	Stainless Steel Insert TeeJet 80° 8004 – Red		1
	6667485	TIP	Plastic Lurmark 80° 05–F80 – Light Brown – Was 6641256[A], Yellow		1
	6641244	TIP	Brass TeeJet 80° 8005		1
	6641245	TIP	Stainless Steel Insert TeeJet 80° 8005 – Brown		1
	6667486	TIP	Plastic Lurmark 80° 06–F80 – Gray – Was 6641257[A], Lime Green		1
	6641246	TIP	Brass TeeJet 80° 8006		1
	6641247	TIP	Stainless Steel Insert TeeJet 80° 8006 – Gray		1
	6667487	TIP	Plastic Lurmark 80° 08–F80 – White – Was6641258 [A], Moss Green		1
	6641248	TIP	Brass TeeJet 80° 8008		1
	6641249	TIP	Stainless Steel Insert TeeJet 80° 8008 – White		1

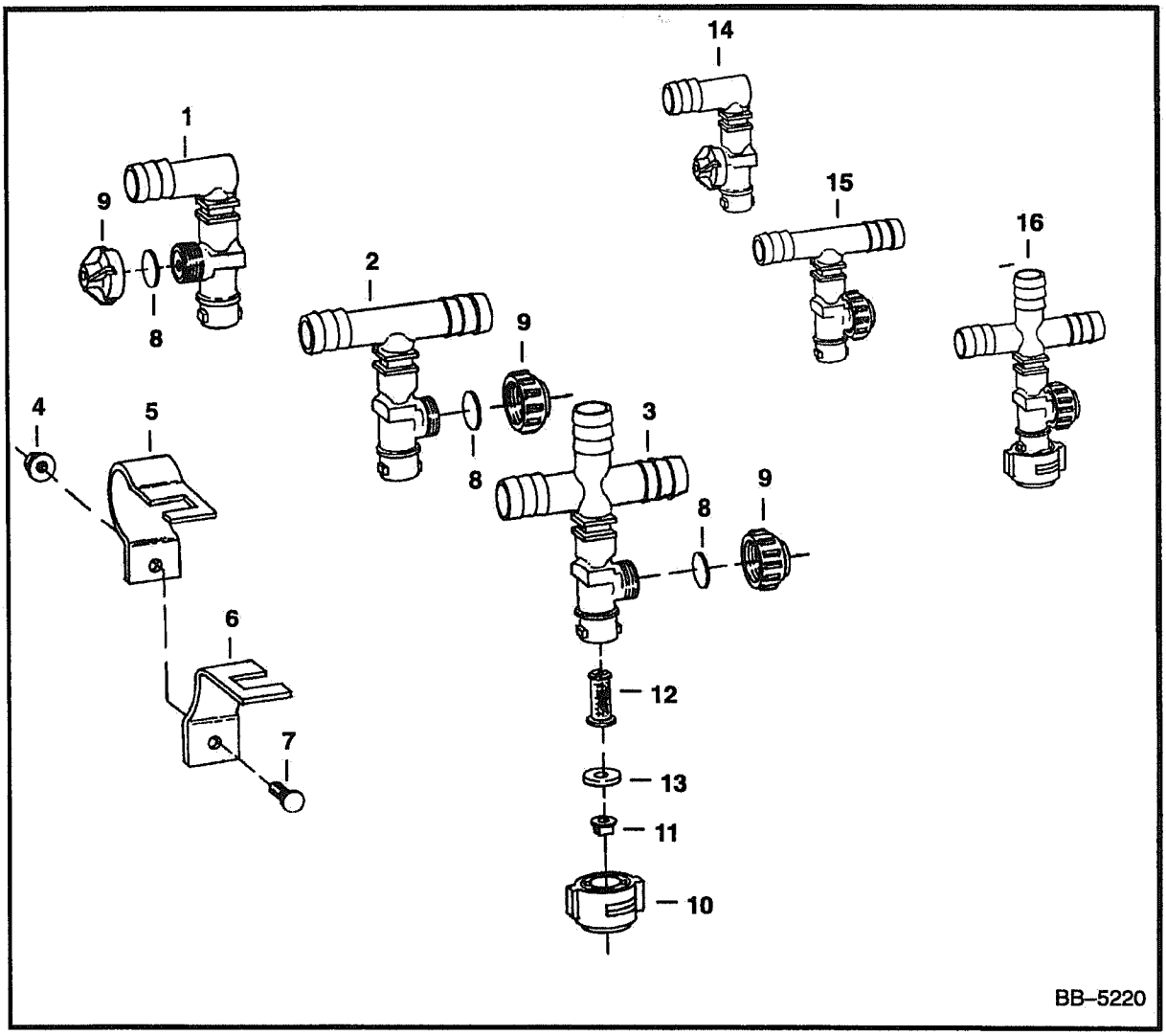


NOZZLE – MELROE – W/73° TIP
(SPRAY SYSTEM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6610102	SPRING			x
2	6610028	STOOL			x
3	6610111	CHECK VALVE	Viton		x
4	6610033	BODY			x
5	6610059	SCREEN	50 Mesh		x
	6610060	SCREEN	80 Mesh		x
6	6610058	BODY			x
7	25K–20008	O–RING			x
8	6606905	CLAMP			x

NOZZLE – MELROE – W/73° TIP (Cont'd)
(SPRAY SYSTEM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
9	6606972	STRAINER	50 Mesh – W/Ref. 1–5 & 11		x
	6606973	STRAINER	80 Mesh – W/Ref. 1–5 & 11		x
10	6610034	CUP			x
11	6610029	SCREW	Adjusting		x
12	6599495	PLUG	Tip		x
13	NAP	TIP	Brass (39) – Was 6610329 [A]		x
	6610330	TIP	Brass (77)		x
	6610331	TIP	Brass (116)		x
	6610332	TIP	Brass (154)		x
	6610333	TIP	Brass (231)		x
	6610334	TIP	Brass (308)		x
	6610335	TIP	Brass (385)		x
	6610336	TIP	Brass (462)		x
	6610337	TIP	Brass (616)		x
	6610338	TIP	Brass (770)		x
	6623218	TIP	Brass (924)		x
	6610340	TIP	Brass (1550)		x
	6610341	TIP	Brass (200)		x
	6610348	TIP	Brass (600)		x
	6610342	TIP	Brass (800)		x
	6610343	TIP	Brass (1200)		x
	6610365	TIP	Stainless (39)		x
	6610366	TIP	Stainless (77)		x
	6610367	TIP	Stainless (116)		x
	6610368	TIP	Stainless (154)		x
	6610369	TIP	Stainless (231)		x
	6610370	TIP	Stainless (308)		x
	6610371	TIP	Stainless (385)		x
	6610372	TIP	Stainless (462)		x
	6610373	TIP	Stainless (616)		x
	6610374	TIP	Stainless (770)		x
	6623219	TIP	Stainless (924)		x
	6610376	TIP	Stainless (1550)		x



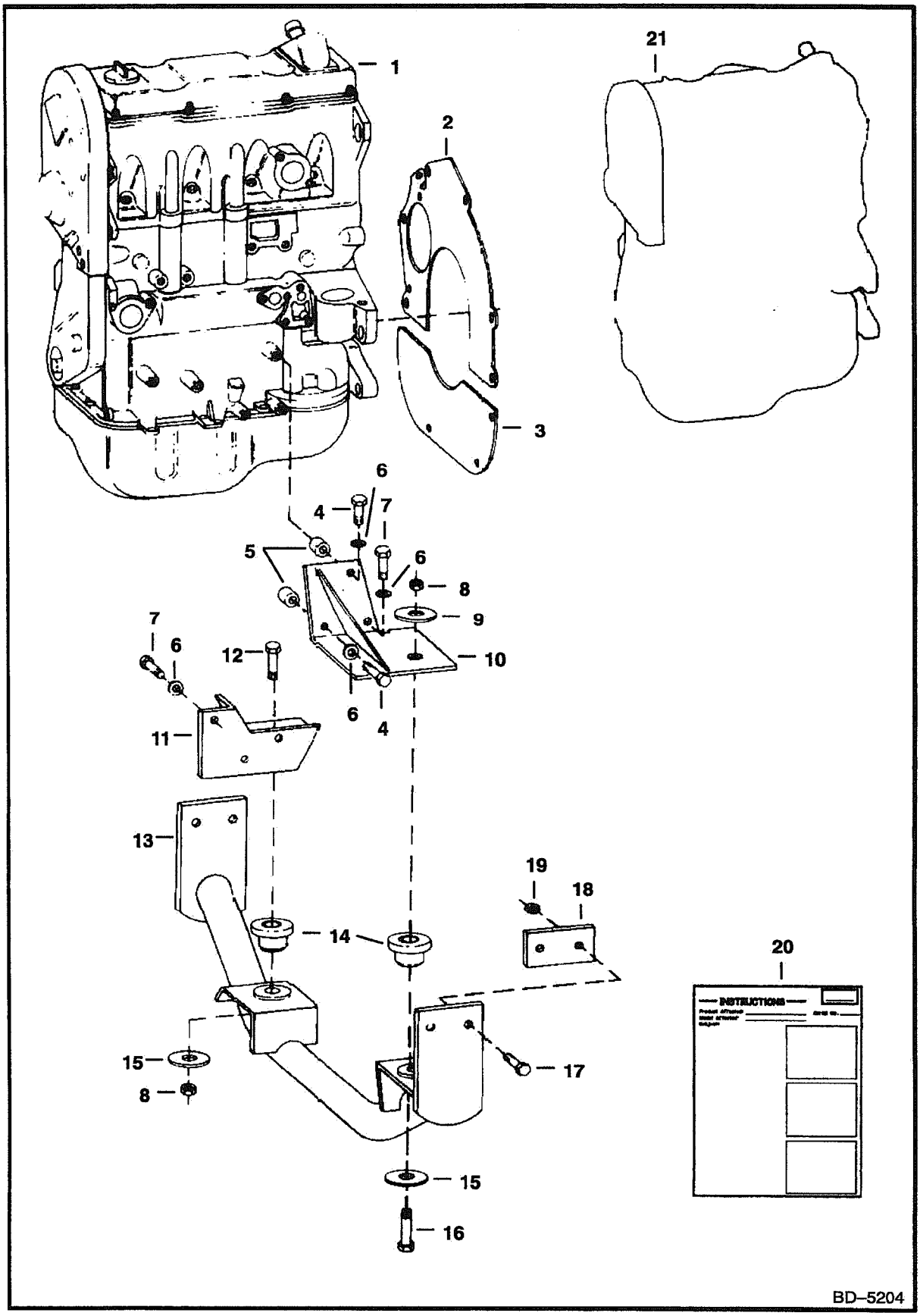
NOZZLE – QUICK JET – W/73° TIP (SPRAY SYSTEM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6652826	BODY	Nozzle Single – W/Ref. 8 & 9		1
2	6652827	BODY	Nozzle Double – W/Ref. 8 & 9		1
3	6652828	BODY	Nozzle Triple – W/Ref. 8 & 9		1
4	83D–4	NUT			1
5	6625364	BRACKET	Tube 1-1/2" (38,1mm)		1
6	6625365	BRACKET	Tube 1-1/2" (38,1mm)		1
7	7C–412	BOLT			1
8	6633638	DIAPHRAGM			1
9	6633637	RETAINER	W/End Cap – 10 lbs.		1
	6661283	RETAINER	W/End Cap – 2 lbs.		1
10	6658107	CAP	Spray Tip – Black – Was 6630909		1
	6631621	CAP	Spray Tip – Green		1
	6631622	CAP	Spray Tip – Orange		1
	6631620	CAP	Spray Tip – White		1
	6649020	SHUT–OFF	Cap – Quick-T-Jet		1

NOZZLE – QUICK JET – W/73° TIP (Cont'd)
(SPRAY SYSTEM)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
11	NAP	TIP	Brass – 39 – Was 6610329 [A]		1
	6610330	TIP	Brass – 77 – Was NAP		1
	6610331	TIP	Brass(116)		1
	6610332	TIP	Brass (154)		1
	6610333	TIP	Brass (231)		1
	6610334	TIP	Brass (308)		1
	6610335	TIP	Brass (385)		1
	6610336	TIP	Brass (462)		1
	6610337	TIP	Brass (616)		1
	6610338	TIP	Brass (770)		1
	6623218	TIP	Brass (924)		1
	6610340	TIP	Brass (1550)		1
	6610341	TIP	Brass (200)		1
	6610348	TIP	Brass (600)		1
	6610342	TIP	Brass (800)		1
	6610343	TIP	Brass (1200)		1
	6610365	TIP	Stainless (39)		1
	6610366	TIP	Stainless (77)		1
	6610367	TIP	Stainless (116)		1
	6610368	TIP	Stainless (154)		1
	6610369	TIP	Stainless (231)		1
	6610370	TIP	Stainless (308)		1
	6610371	TIP	Stainless (385)		1
	6610372	TIP	Stainless (462)		1
	6610373	TIP	Stainless (616)		1
	6610374	TIP	Stainless (770)		1
	6623219	TIP	Stainless (924)		1
	6610376	TIP	Stainless (1550)		1
12	6630911	STRAINER–BRASS	50 Mesh – Standard on 220		1
	6630912	STRAINER	100 Mesh		1
13	6630910	GASKET SEAT			1
14	6624840	NOZZLE	Assy. – Single – Complete W/154 Tip, Ref. 1, 8–13, and Screen 100 Mesh		8
	6625371	NOZZLE	Assy. – Single – Complete W/231 Tip, Ref. 1, 8–13, and Screen 50 Mesh		10
15	6624841	NOZZLE	Assy. – Double – Complete W/154 Tip, Ref. 2, 8–13, and Screen 100 Mesh		9
	6625372	NOZZLE	Assy. – Double – Complete W/231 Tip, Ref. 2, 8–13, and Screen 50 Mesh		15
16	6624842	NOZZLE	Assy. – Triple – Complete W/154 Tip, Ref. 3, 8–13, and Screen 100 Mesh		4
	6625373	NOZZLE	Assy. – Triple – Complete W/231 Tip, Ref. 3, 8–13, and Screen 50 Mesh		6

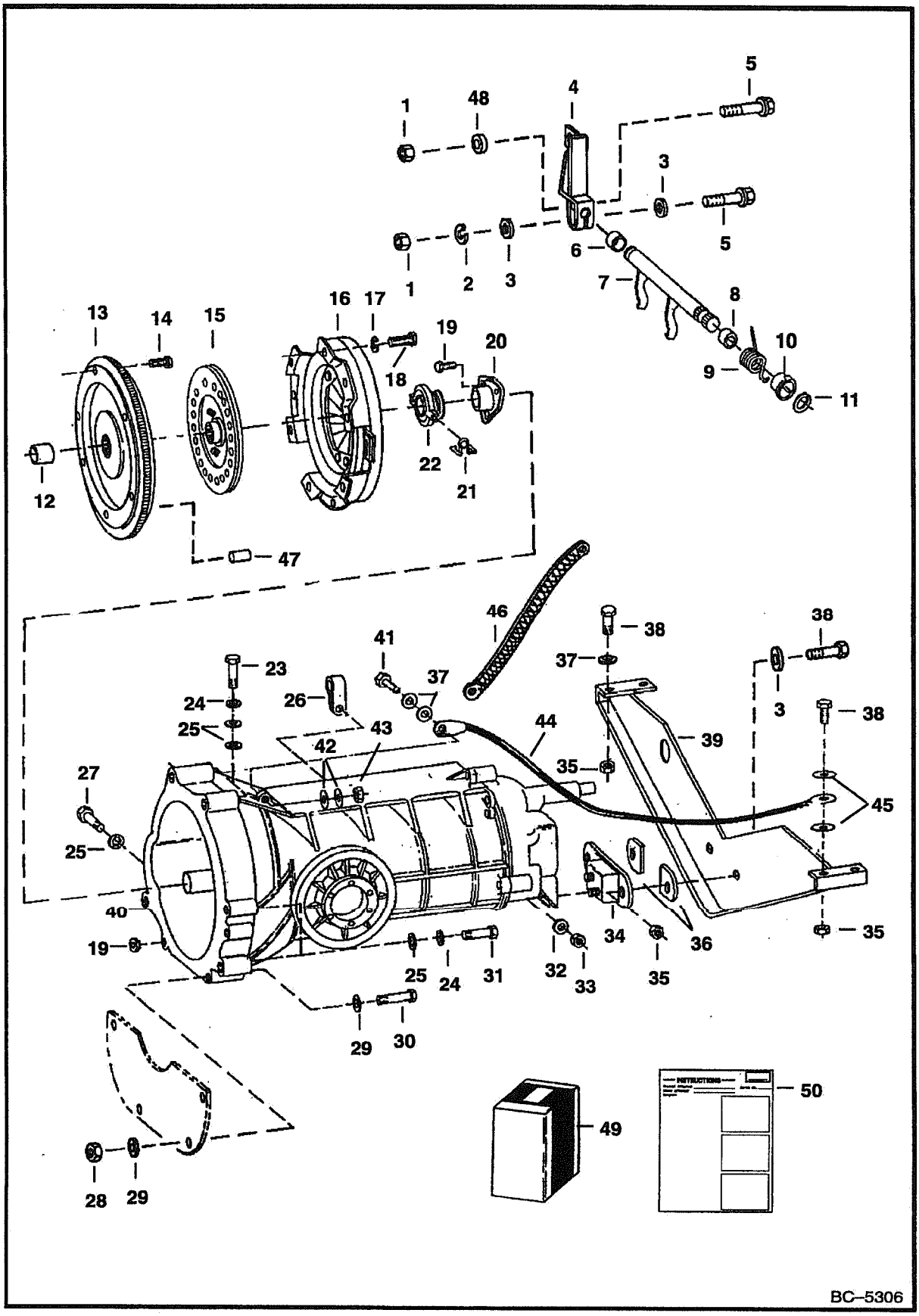
ENGINE – MOTOR MOUNTS
(POWER UNIT)



ENGINE – MOTOR MOUNTS (Cont'd)
(POWER UNIT)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1		ENGINE	See Page M14, Ref. 35		1
2	6630318	PLATE	Intermediate		1
3	6630321	COVER	Transmission		1
4	1CM–1050	BOLT			2
5	6625316	SPACER			2
6	7EM–100	WASHER			6
7	1CM–1025	BOLT			4
8	6512079	NUT			2
9	25E–26	WASHER			1
10	6625272	BRACKET	Motor Mount R.H.		1
11	6624990	BRACKET	Motor Mount L.H.		1
12	17C–1048	BOLT			1
13	6617648	MOUNT	Motor		1
14	6514897	MOUNT	Neoprene		2
15	6514557	WASHER			2
16	17C–1040	BOLT			1
17	17C–820	BOLT			4
18	NAP	SHIM	Never Used – Was 6625315 [A]		6
19	85D–8	NUT			5
20	6619929	MANUAL	Engine Instruction		x
21	6630317	ENGINE NEW	Complete 1.8 Liter W/Hyd.		
			Lifters, Carburetor, Clutch–Disc, and Pressure Plate, Manifold Exhaust, Distributor, Spark		
			Plugs, and Wires, Oil Filter, Fuel Pump, Water Pump & Starter		1

CLUTCH, PRESSURE PLATE & TRANSMISSION (POWER UNIT)

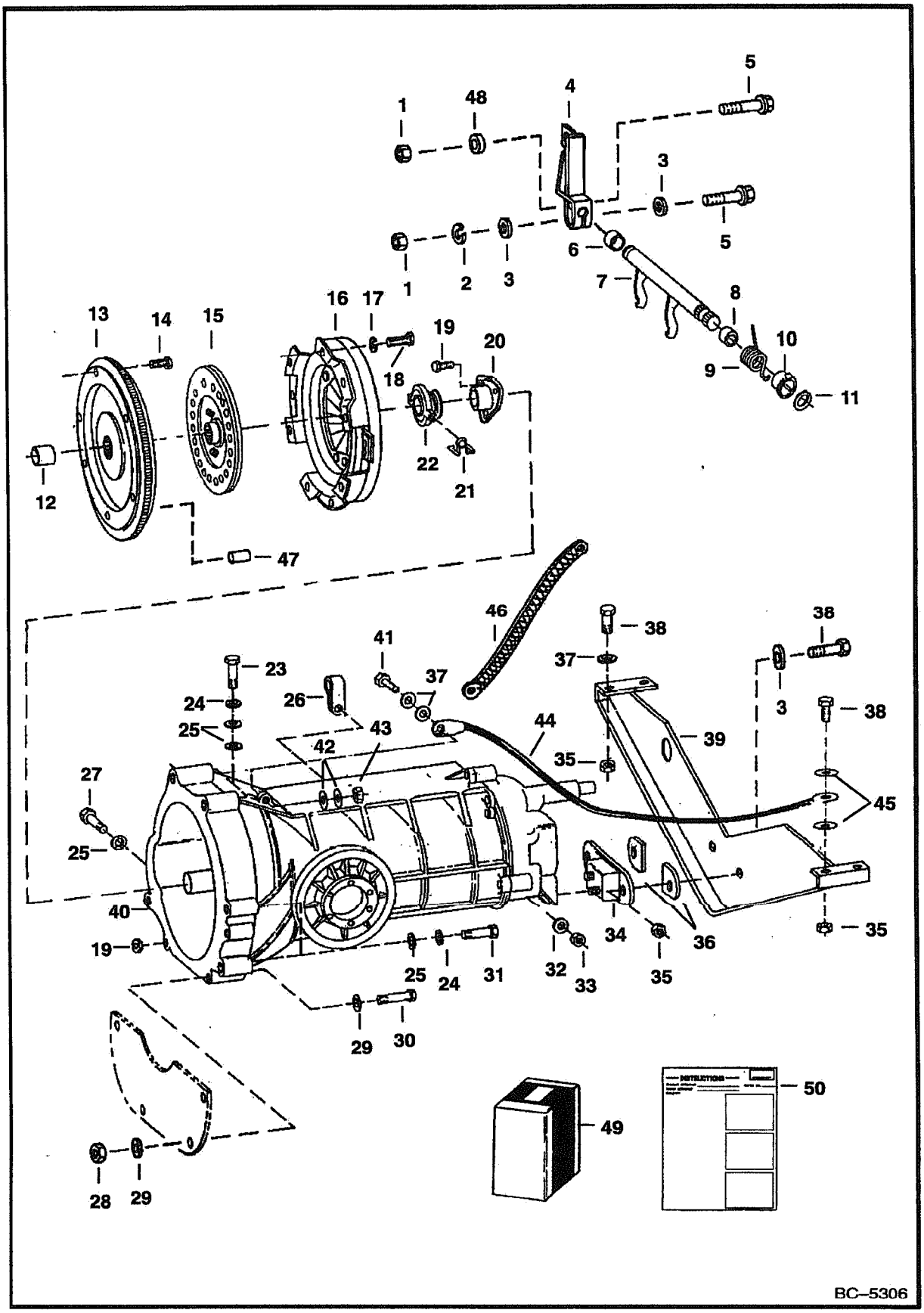


BC–5306

CLUTCH, PRESSURE PLATE & TRANSMISSION (Cont'd)
(POWER UNIT)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	4DM–8	NUT			4
2	7EM–80	WASHER			1
3	27E–6	WASHER	hardened		4
4	NSS	ARM CLUTCH	Order Ref. 49 – Was 6625555 [A]		1
5	30CM–850	BOLT	Flange		2
6	6651270	BUSHING	Light		1
7	6651269	SHAFT	operating		1
8	6651268	RING	Rubber		1
9	6651267	RING	Return		1
10	6651266	BUSHING	left		1
11	6651265	RING	lock		1
12	6631648	PILOT	needle bearing		1
13	6657913	FLYWHEEL	Was 6632061 [A]		1
14	6646216	BOLT	flywheel		6
15	NAP	DISC	clutch – order 6656417 –		
			Was 6630723 [A]		1
	6656417	DISC	clutch heavy duty		1
16	NAP	PRESSURE PLATE	order 6656418 – Was 6630724 [A]		1
	6656418	PRESSURE PLATE	heavy duty		1
17	6657835	WASHER			6
18	6651261	SCREW	cheese head		6
19	6651289	BOLT	with washer		3
20	6651260	SLEEVE	guide		1
21	6630772	SPRING	Retaining – Right		1
	6630771	SPRING	Retaining – Left		1
22	6630770	BEARING	throw out		1
23	1CM–1275	BOLT			2
24	7EM–120	WASHER			4
25	25E–21	WASHER			7
26	30H–16	CLIP	Insulated – Clutch Cable –		
			Was 6625264 [A]		1
27	17C–856	BOLT			1
28	4DM–6	NUT			3
29	9EM–60	WASHER			6
30	1CM–640	BOLT			3
31	1CM–1270	BOLT			2
32	9EM–100	WASHER			2
33	32DM–100	NUT			2
34	6630312	MOUNT	Transmission		1
35	85D–6	NUT			7
36	6625312	SPACER			2
37	25E–16	WASHER			6
38	17C–616	BOLT			8
39	6625309	MOUNT	transmission		1
40	6630310	TRANSMISSION	New Complete – W/Ref. 6–11 &		
	6723011REM	TRANSMISSION	19–22 – See Page N20 Reman. Complete – W/Ref. 6–11 & 19–22 – Less Ref. 34 – See		1
			Page N20 – Was 6646217 [A]		1
41	17C–620	BOLT			1
42	6E–6	WASHER	internal tooth		2

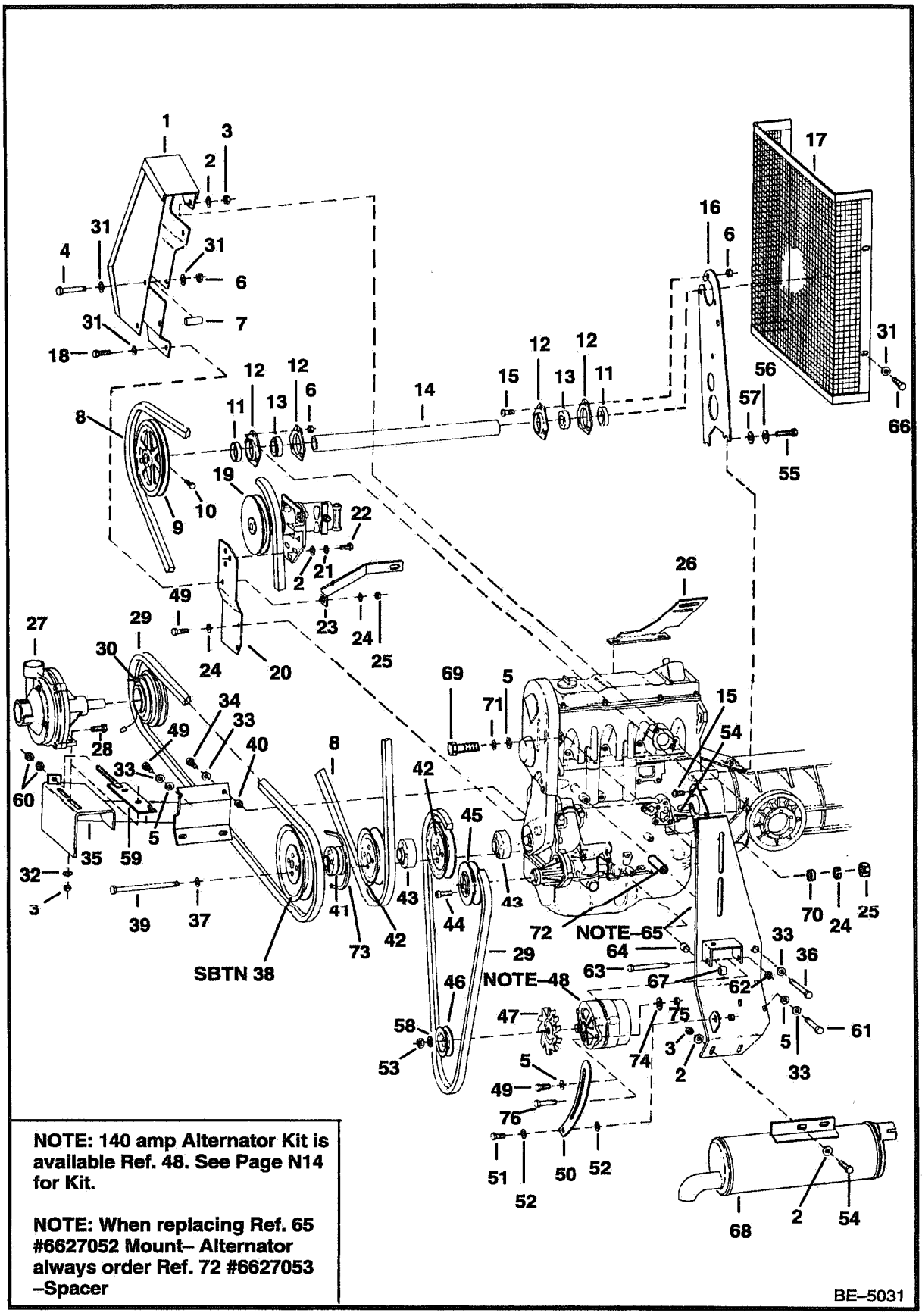
CLUTCH, PRESSURE PLATE & TRANSMISSION (Cont'd)
(POWER UNIT)



CLUTCH, PRESSURE PLATE & TRANSMISSION (Cont'd)
(POWER UNIT)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
43	61D–6	NUT			1
44	6563025	CABLE	negative		1
45	6E–5	WASHER	internal tooth		2
46	6667316	CABLE	Ground Woven Type – Was 6659457 [C]		1
47	6657911	PIN	Dowel		3
48	6529473	BUSHING			1
49	6723008	KIT	Arm clutch – W/Ref. 1, 4, 5, 48 & 50		1
50	6629543	INSTRUCTION	Clutch Arm – Ref. 49		1

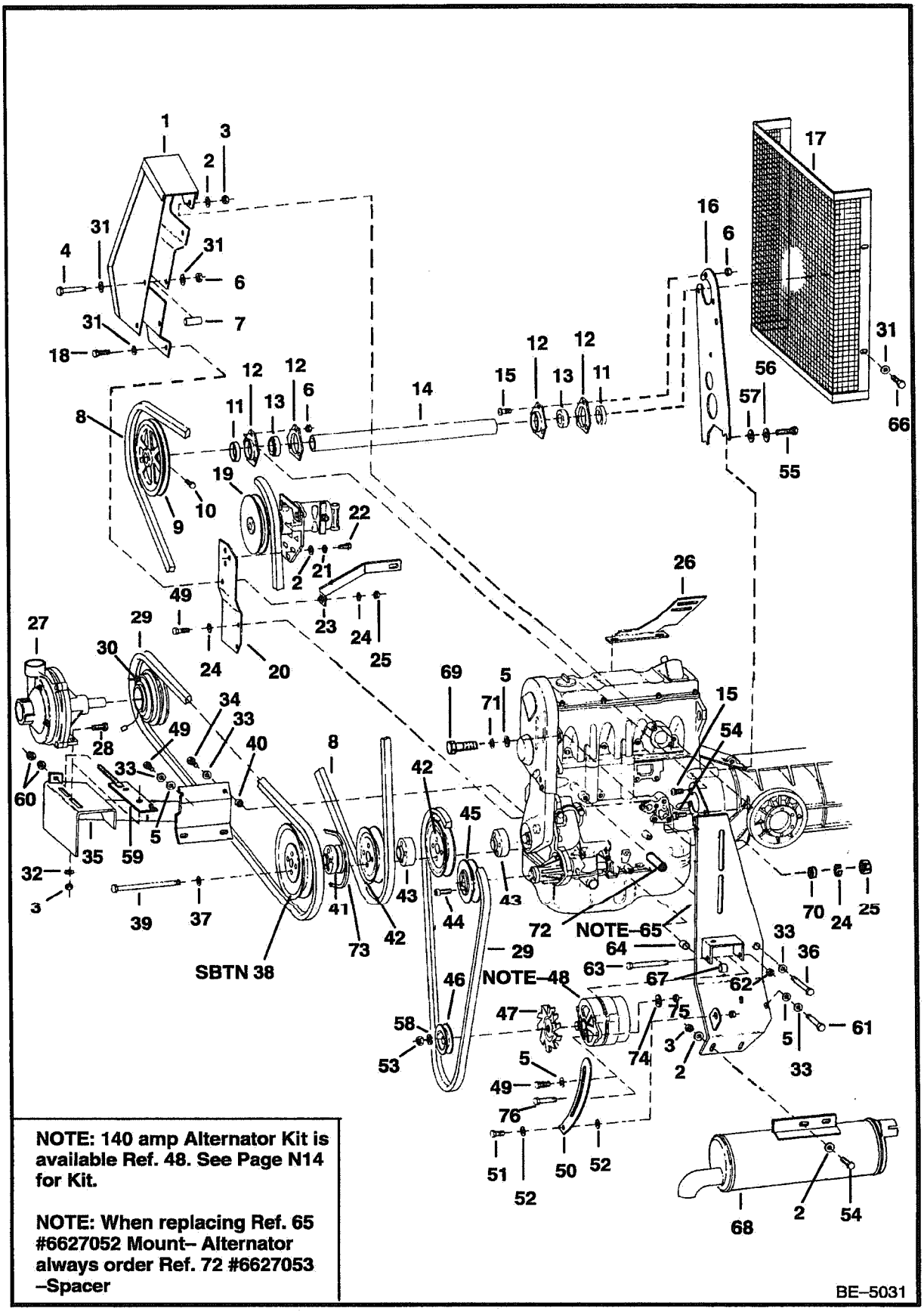
BELTS, PULLEYS
(POWER UNIT)


NOTE: 140 amp Alternator Kit is available Ref. 48. See Page N14 for Kit.
NOTE: When replacing Ref. 65 #6627052 Mount– Alternator always order Ref. 72 #6627053 –Spacer
SBTN 38
NOTE–65
NOTE–48
BE–5031

BELTS, PULLEYS (Cont'd)
(POWER UNIT)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6625434	SHIELD			1
2	25E–17	WASHER			12
3	85D–6	NUT			15
4	17C–540	BOLT			2
5	6529473	BUSHING			6
6	85D–5	NUT			8
7	6625454	SPACER			2
8	6625297	V–BELT	Fan/Governor		1
9	6625300	PULLEY	Fan		1
10	17C–512	BOLT			2
11	6518127	COLLAR	W/Set Screw		2
12	6630376	FLANGETTE			4
13	6632115	BEARING			2
14	6625438	SHIELD	Shaft		1
15	6553808	BOLT			6
16	6624960	SUPPORT	Fan		1
17	6625432	GUARD	Fan		1
18	17C–520	BOLT			4
19		GOVERNOR	See Page N15		1
20	6625459	BRACKET	Governor to Engine		1
21	4E–6	WASHER			3
22	17C–622	BOLT			3
23	6625460	BRACKET	Governor Support – See Page M6, Ref.5		1
24	4E–5	WASHER			6
25	61D–5	NUT			3
26	6625266	MOUNT	Cable – See Page F18, Ref. 32		1
27		PUMP	Hypro – See Page K8		1
		PUMP	Hypro High Capacity– See Page K8		1
28	17C–620	BOLT			6
29	6625298	V–BELT	Alternator, Pump Spray, Pump Water Engine		2
30	NAP	CLUTCH	Electric Heavy Duty – See Page K10		1
		CLUTCH	Electric – See Page K9 & K10		1
31	25E–16	WASHER			17
32	27E–6	WASHER	Hardened		2
33	7EM–80	WASHER			7
34	6651852	BOLT			1
35	6625278	MOUNT	Pump		1
36	7CM–8110	BOLT			1
37	9EM–80	WASHER			4
38	6625294	PULLEY	Engine 7–1/2" – Standard	208911001 & Abv.	
				209011001 & Abv.	1
	NAP	PULLEY	Engine 8" – 8" Will be subject to Melroe inventory. See Service Bulletin No. 88–71 – Was 6617384 [A]		1
39	1CM–8100	BOLT			4
40	6625282	BUSHING			1

BELTS, PULLEYS (Cont'd)
(POWER UNIT)



NOTE: 140 amp Alternator Kit is available Ref. 48. See Page N14 for Kit.

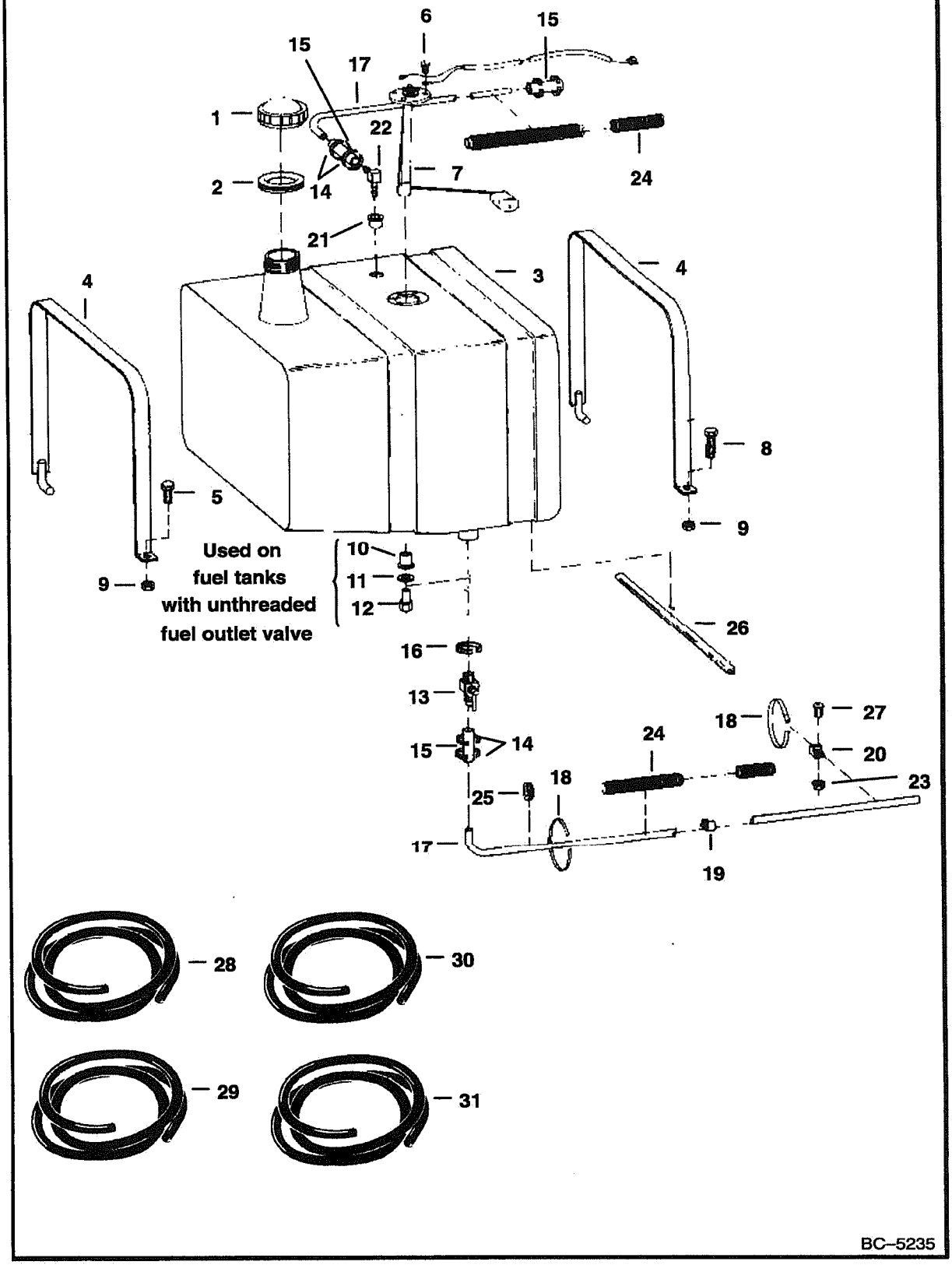
NOTE: When replacing Ref. 65 #6627052 Mount– Alternator always order Ref. 72 #6627053 –Spacer

BE–5031

BELTS, PULLEYS (Cont'd)
(POWER UNIT)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
41	6617658	SPACER	Pulley – Was 6625293 [A]		1
42	6625265	PULLEY	Engine		2
43	6625292	SPACER	Pulley		2
44	6657829	BOLT			3
45	6630322	PULLEY	Water Pump		1
46		PULLEY	Alternator – See Page N6, N7, N9, N12		1
47		FAN	Alternator – See Page N6, N7, N9, N12		1
48		ALTERNATOR	See Note – See Page N6, N7, N9, N12		1
49	6651853	BOLT	S/N only bolt, for Ref. 50	208913954 & Bel.	6
50	6625290	BRACKET	Alternator	208913954 & Bel.	1
	6596495	BRACKET	Alternator	208913955 & Abv.	1
51	1CM–1030	BOLT			1
52	25E–20	WASHER			2
53		NUT	See Alternator Page N6, N7, N9, N12		1
54	17C–616	BOLT			4
55	1CM–1275	BOLT			2
56	25E–21	WASHER			4
57	7EM–120	WASHER			4
58		WASHER	See Alternator Page N6, N7, N9, N12		1
59	6627416	BRACKET	Pump Tightener – Was 6625820 [A]		1
60	61D–6	NUT			2
61	1CM–890	BOLT			2
62	39DM–10	NUT			2
63	1CM–1090	BOLT			1
64	6625289	SPACER	1.11" Long		2
65	6627052	MOUNT	Alternator – See Note – Was 6625283	208913954 & Bel.	1
	6596502	MOUNT	Alternator – See Note	208913955 & Abv.	1
66	17C–612	BOLT			4
67	6625291	SPACER	.62" Long		1
68		MUFFLER	See Page N18, Ref. 1		1
69	35C–524	BOLT			1
70	25E–15	WASHER			1
71	25E–13	WASHER			1
72	6627053	SPACER	2.79" Long		1
73		BELT	Pump Hydr–See Page F22 – Ref. 77, G4 – Ref. 58, – G8, Ref. 80 – G12, – Ref. 66,		1
74	11EM–60	WASHER		208913955 & Abv.	1
75	33DM–60	NUT		208913955 & Abv.	1
76	29CM–1025	BOLT		208913955 & Abv.	1

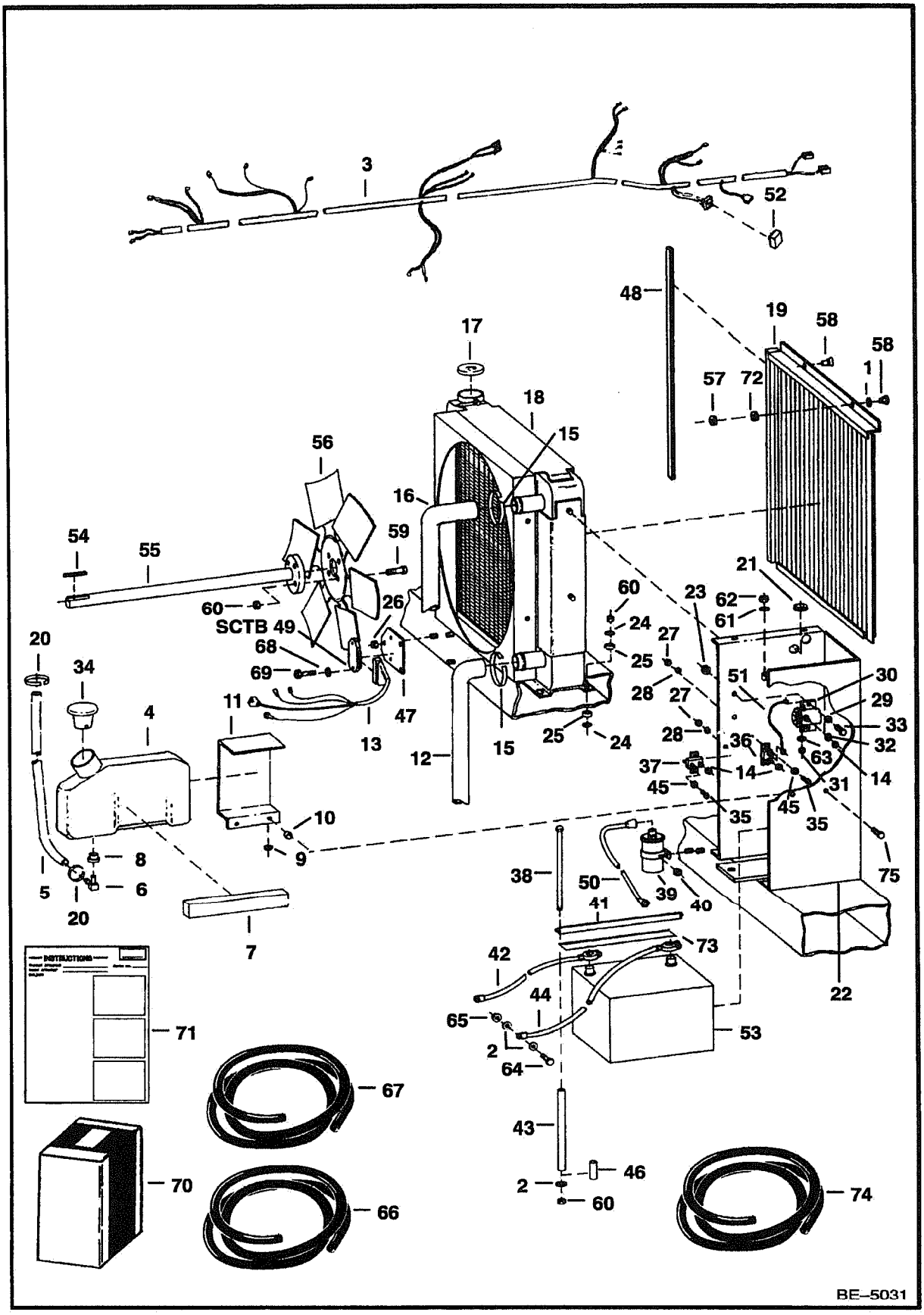
TANK – FUEL
(POWER UNIT)



TANK – FUEL (Cont'd)
(POWER UNIT)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6630034	CAP			1
2	6630035	GROMMET			1
3	6625257	FUEL TANK	14.8 Gallon		1
	6617999	FUEL TANK	22 Gallon		1
4	6620396	STRAP	Holddown –For 14.8 Gallon Tank		2
	6618142	STRAP	Holddown –For 22 Gallon Tank		2
5	17C–516	BOLT			1
6	86G–1008	SCREW	Pan Head		1
7	6513480	SENDER	Fuel Level–For 14.8 Gallon Tank		1
	6630248	SENDER	Fuel Level–For 22 Gallon Tank		1
8	17C–532	BOLT			1
9	85D–5	NUT			2
10	6630036	BUSHING	Fuel Outlet		1
11	25E–20	WASHER			1
12	6624546	FITTING	Fuel Outlet		1
13	6630033	VALVE	Shut Off 180°		1
14	6515575	HOSE CLAMP			6
15	NAP	HOSE	2.5"(63,5mm) and 5"(127mm)		
			Long–Order Ref. 28		1
16	42H–8	CLAMP			1
17	NAP	TUBING	Feed Line 132"(3352,8mm),		
			Return Line 150"(3810mm)		
			Long – Order Ref. 29		1
18	6624289	NYLON TIE			5
19	30H–16	CLIP	Insulated		2
20	6623609	TAB	Mounting		3
21	6553411	BUSHING	Fuel Return Inlet		1
22	6598908	FITTING	Fuel Return Inlet		1
23	83D–4	NUT			3
24	NAP	CONDUIT	23 ft. (7010,4mm) Long – Order		
			Ref. 31		1
25	1011708	GROMMET			1
26	NAP	STRIP	Rubber 36"(914,4mm) Long –		
			Order Ref. 30		x
27	91G–412	BOLT			3
28	6577821	HOSE – 1/4" ID	Bulk – Sold Per Foot		x
29	6612842	TUBING	Bulk – Sold Per Foot		x
30	6620417	RUBBER STRIP	Bulk – Sold Per Foot		x
31	6584978	CONDUIT	Bulk – Sold Per Foot		x

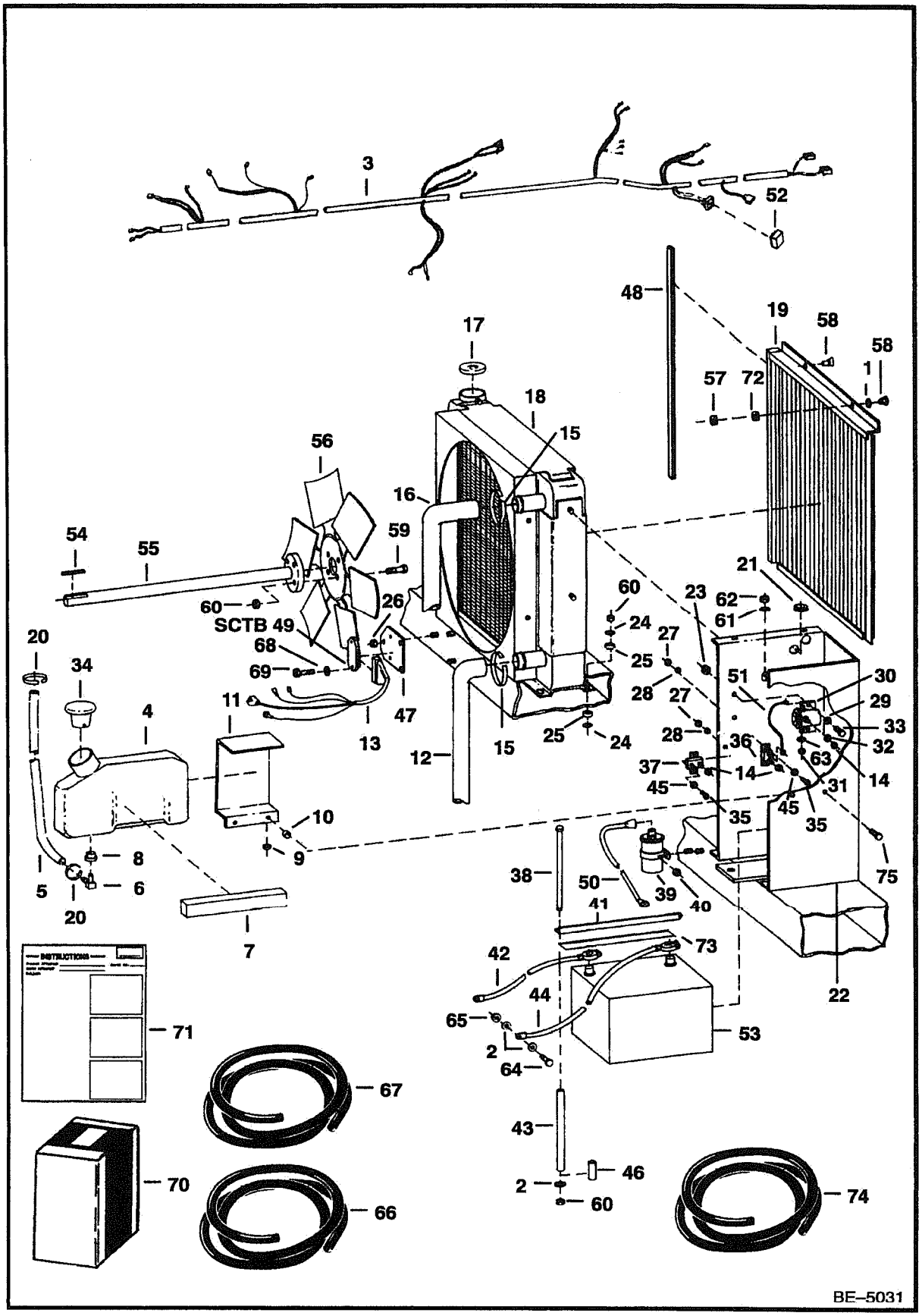
RADIATOR, BATTERY & ENGINE HARNESS
(POWER UNIT)



RADIATOR, BATTERY & ENGINE HARNESS (Cont'd)
(POWER UNIT)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6512779	RETAINER	Split Ring – used on 1996 and below models		2
2	25E–17	WASHER			12
3			See Wiring Diagrams on Page N24–P4		
4	6562509	TANK	Coolant Overflow		1
5	NAP	HOSE	51.25" (1301,75mm) Long–Order Ref. 66		1
6	6553412	ELBOW			1
7	6560690	INSULATION	Shield Foam		1
8	6553411	BUSHING			1
9	6518382	NUT			4
10	6529464	SLEEVE	Was 6608719 [B]		2
11	6584230	BRACKET			1
12	6624544	HOSE	Outlet		1
13	6624993	HARNESS	Electronic Ignition		1
14	14D–10	NUT			3
15	42H–24	HOSE CLAMP			2
16	6624543	HOSE	Inlet		1
17	6646678	CAP	Radiator		1
18	6625225	RADIATOR			1
19	6625351	SCREEN	Radiator		1
20	6515575	HOSE CLAMP			2
21	742876	GROMMET			1
22	6627694	SUPPORT	Radiator R.H. – Was 6625350 [C]		1
23	83D–4	NUT			2
24	25E–18	WASHER			8
25	2751101	WASHER	Neoprene		8
26	12D–10	NUT			3
27	12D–6	NUT			4
28	17E–6	WASHER			4
29	25E–13	WASHER			2
30	6599754	SOLENOID	Cont. Duty – Used on machines	5555 & Below	1
31	62D–5	NUT			2
32	17E–10	WASHER			1
33	17C–410	BOLT			2
34	6558658	CAP			1
35	87G–610	SCREW			4
36	6519746	CIRCUIT BREAKER	25 Amp	220–5555 & Bel.	
37	6632447	CIRCUIT BREAKER	30 Amp	220–5555 & Bel.	
38	17C–6148	BOLT			1
39		COIL	Ignition – See Page M17, Ref. 8		1
40	6518382	NUT			2
41	6625532	STRAP	Battery Hold Down		1
42	6610235	CABLE	Battery – Positive		1
43	6625398	SPACER	1990 Spacer is Longer – Ref.46 No Longer Used		1
44	6558372	CABLE	Battery – Negative		1
45	25E–6	WASHER			2
46	NAP	SPACER	Not Required – See Ref. 43– Was 6625533 [A]		1

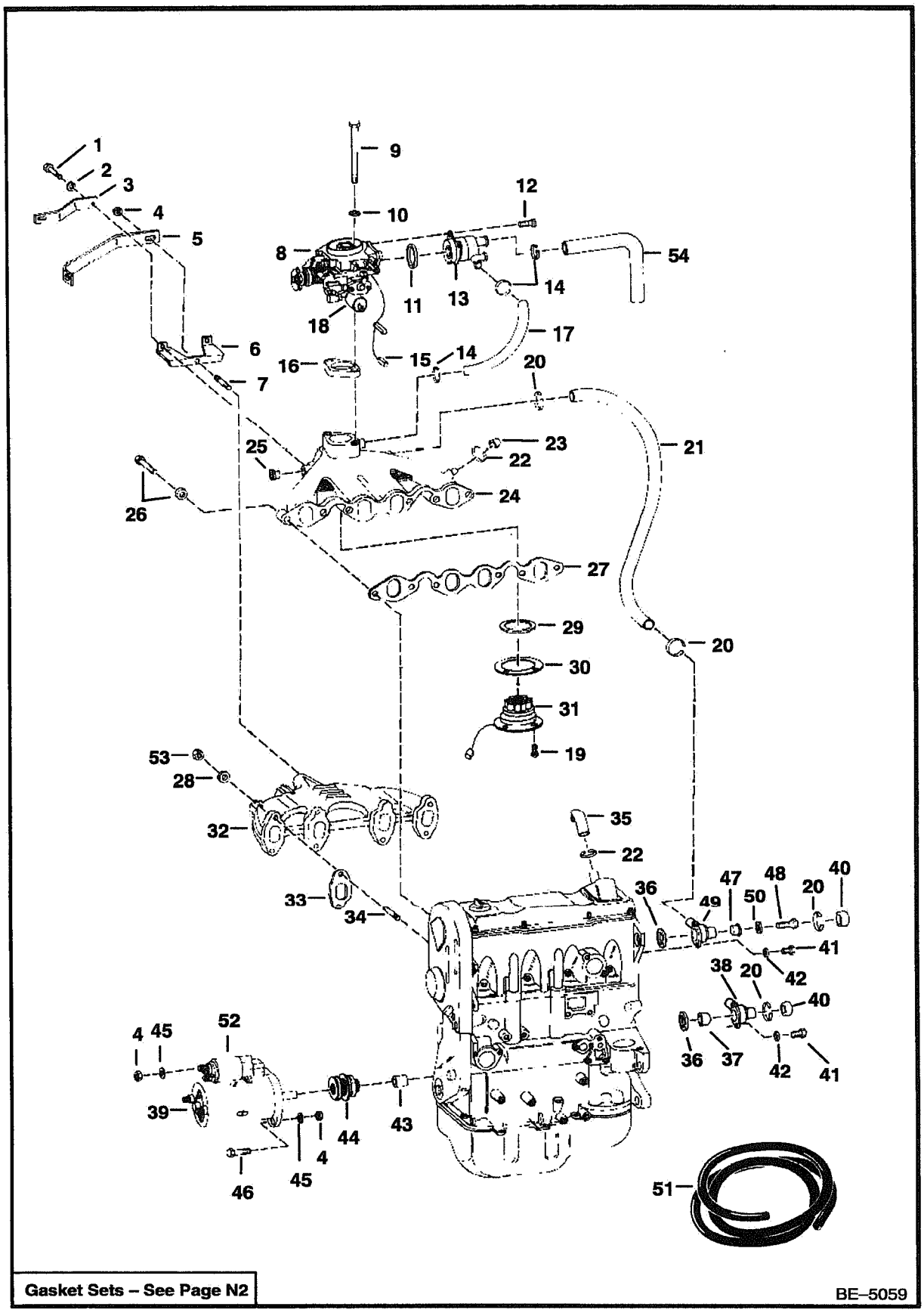
RADIATOR, BATTERY & ENGINE HARNESS (Cont'd)
(POWER UNIT)



RADIATOR, BATTERY & ENGINE HARNESS (Cont'd)
(POWER UNIT)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
47	6630975	BRACKET	Heat Sink		1
48	NAP	SEAL	20.25" (514,35mm) Long – Order Ref. 67		2
49	NSS	MODULE	Electronic Ignition – Order Ref. 70 – See SCTB-SCO16 – Was 6661757 [A]		1
50		WIRE	Coil – See Page M17, Ref. 9		1
51	743992	WIRE	Jumper – 220 Only		1
52	6630671	RELAY			1
53	6662222	BATTERY	Was NAP		1
54	7J–2104	KEY			1
55	6625301	SHAFT	Fan Drive		1
56	6630377	FAN	6 Blade 19"		1
57	6655443	NUT	Quarter Turn – Was 1307161 [A]		2
58	35C–508	SCREW	Quarter Turn – Was6662078 [A]		2
59	17C–620	BOLT			6
60	85D–6	NUT			15
61	25E–16	WASHER			8
62	6518382	NUT			4
63	4E–6	WASHER			6
64	17C–520	BOLT			7
65	61D–5	NUT			3
66	6577822	HOSE	Bulk – Sold Per Foot – Was 6562515 [A]		x
67	6630422	SEAL	Bulk – Sold Per Foot		x
68	25E–8	WASHER			2
69	59G–1016	SCREW			2
70	6723012	KIT	Module – W/Ref. 49, 68, 69 & 71		1
71	6629554	INSTRUCTION	Mounting – Ref. 70		1
72	4E–5	WASHER			2
73	NAP	SEAL	8.27" (210mm) Long – Order Ref. 74		1
74	6620646	GASKET	Bulk – Sold Per Foot		x
75	17C–524	BOLT			2

CARBURETOR, MANIFOLD INTAKE – EXHAUST & STARTER (POWER UNIT)



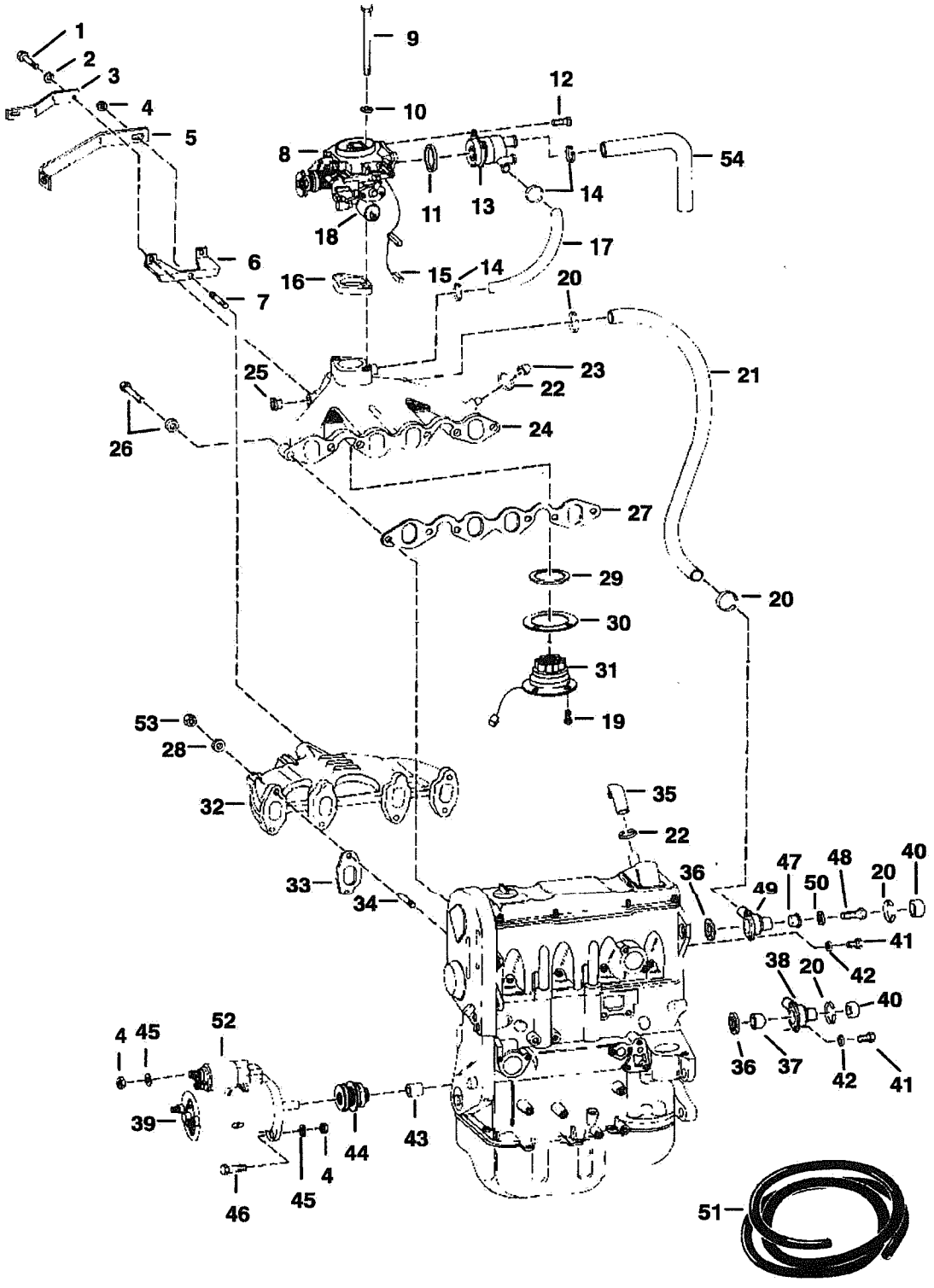
Gasket Sets – See Page N2

BE–5059

CARBURETOR, MANIFOLD INTAKE – EXHAUST & STARTER (Cont'd)
(POWER UNIT)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	1CM–820	BOLT			2
2	4E–5	WASHER			2
3	6625461	BRACKET	Governor–See Page N16, Ref. 48		1
4	4DM–8	NUT			10
5	6625460	BRACKET	Governor – See Page L20, Ref 23		1
6	NAP	BRACKET	Carburetor		1
7	NAP	STUD			3
8		CARBURETOR	W/Ref. 18 – See Page N4		1
9	6658549	BOLT			2
10	6658550	WASHER			2
11	6646207	O–RING	Install inside of Ref. 13		1
12	6658551	SCREW			3
13		CHOKE	Assy. – See Page N4, Ref. 4		1
14	6658552	HOSE CLAMP			4
15	6630720	WIRE	Heater Element		1
16	6630733	GASKET	Intermediate Carburetor		1
17	6630755	HOSE	Water		1
18	6630719	VALVE	By–Pass Air Cut–Off		1
19	6657837	SCREW			1
20	6657936	HOSE CLAMP			3
21	6630758	HOSE	Water		1
22	44H–12	HOSE CLAMP			6
23	6660807	PLUG	Was NAP		1
24	6646205	MANIFOLD	Intake		1
25*	6673116	PLUG	Was 6658546 [C]		2
26	6658547	BOLT	Combination – Short		4
	6658548	BOLT	Combination – Long		2
27	6646206	GASKET	Intake Manifold		1
28	6657855	WASHER			1
29	6630781	WASHER	Sealing		1
30	6630741	GASKET			1
31	6630729	PRE–HEATER			1
32	6646208	MANIFOLD	Exhaust		1
33	6646209	GASKET	Exhaust Manifold		4
34	6658423	STUD			8
35	NAP	HOSE	23.75" (603.25mm) Long – Order Ref. 51		1
36	6630877	O–RING			2
37	6651437	PLUG	Expansion		1
38	NAP	OUTLET	Use Ref. 47–50 – Was 6646210[A]		1
39	6630782	STARTER REMAN.	Complete – Less Ref. 43		1
	6655806	STARTER REMAN.	Complete – Less Ref. 43		1
	NAP	STARTER NEW	Complete – Less Ref. 43 – Order 6630782 – Was 6630313 [A]		1
40	6632885	CAP			1
41	6658554	SCREW			2
42	6657824	WASHER			2
43	6651271	BUSHING	Pilot		1
44	6630769	STARTER	Bendix – Used only W/Ref. 39, # 6630782 & 6630313		1
45	9EM–80	WASHER			4

CARBURETOR, MANIFOLD INTAKE – EXHAUST & STARTER (Cont'd)
(POWER UNIT)



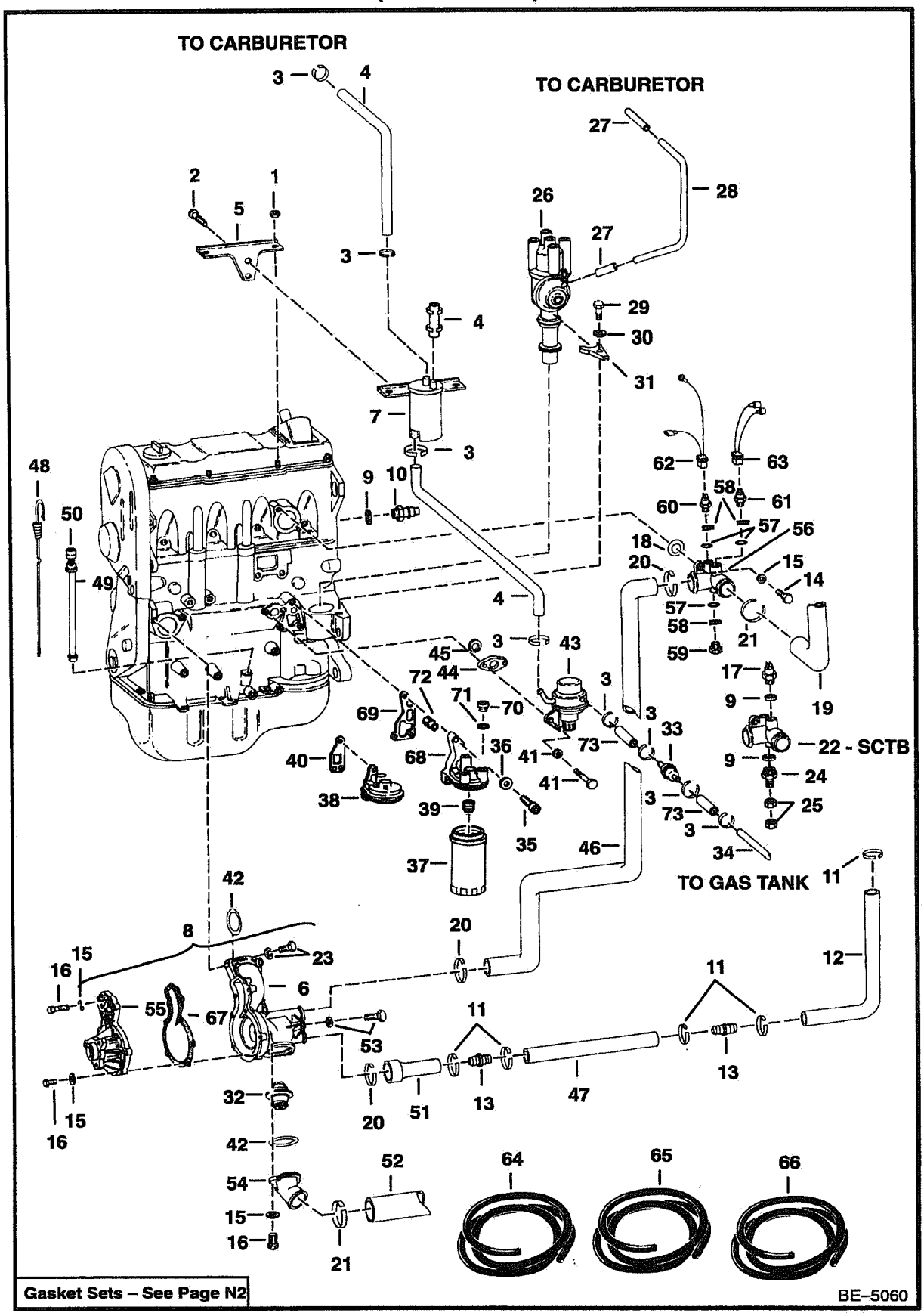
Gasket Sets – See Page N2

BE–5059

CARBURETOR, MANIFOLD INTAKE – EXHAUST & STARTER (Cont'd)
(POWER UNIT)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
46	1CM–865	BOLT			3
47	6658859	NUT	Expansion		1
48	17C–516	BOLT			1
49	6658862	OUTLET	Water	208912819 & Abv. 209211096 & Abv. 209011437 & Abv.	
50	25E–16	WASHER			1
51	6626125	HOSE – 3/4" ID	Bulk – Sold Per Foot – Was 214222 [A]		x
52	6630750	SOLENOID	Used only W/Ref. 39, #6630782 & 6630313		1
53	6662964	NUT			8
54	6630756	HOSE			1

WATER OUTLET, SWITCHES & FILTER OIL
(POWER UNIT)

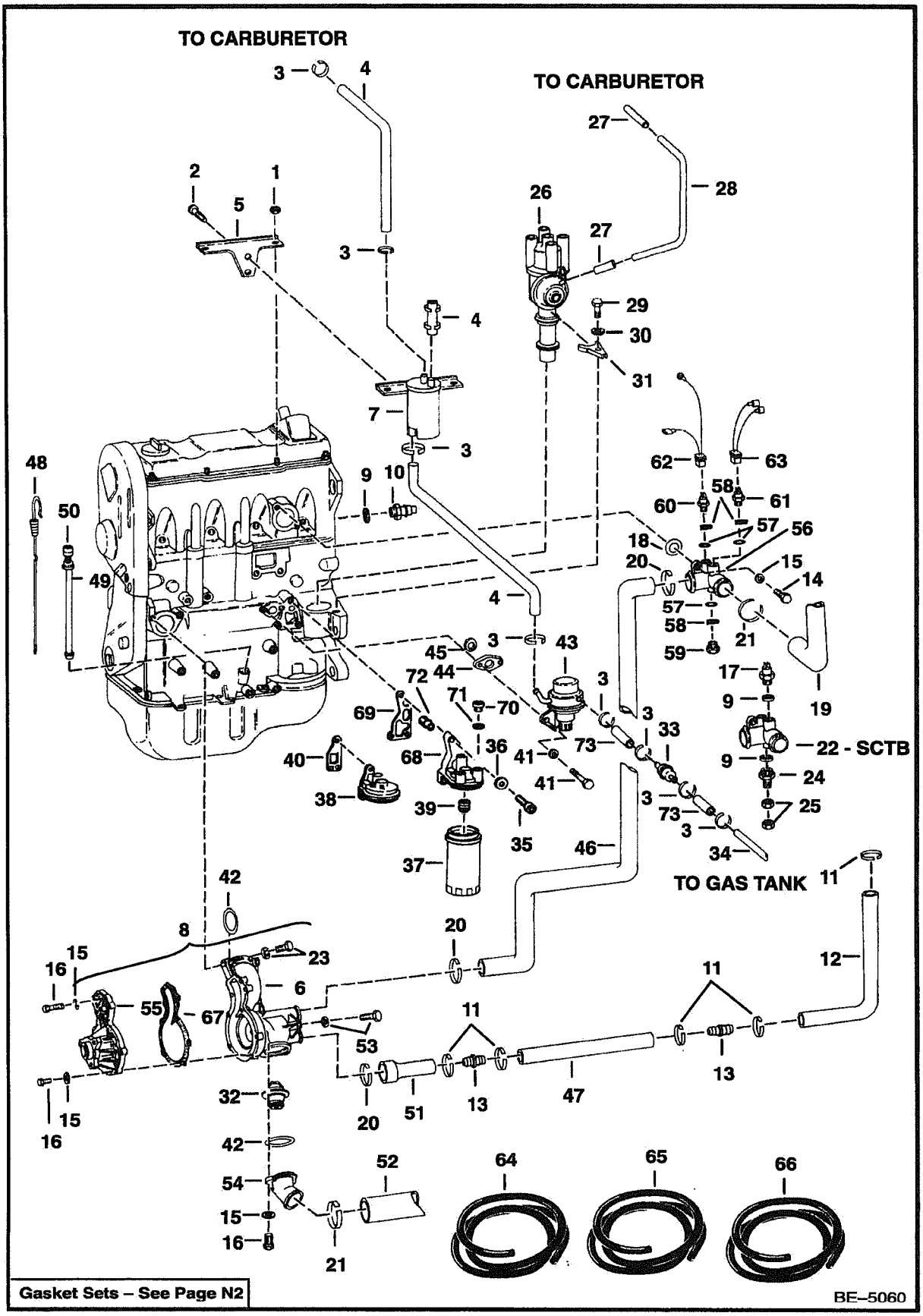


Gasket Sets – See Page N2

WATER OUTLET, SWITCHES & FILTER OIL (Cont'd)
(POWER UNIT)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	1DM–6	NUT			2
2	6658553	SCREW			2
3	6515575	HOSE CLAMP			8
4		HOSE	12"(304,8mm) Long – Order Ref. 64		1
5	NSS	BRACKET	Fuel Reservoir – Comes W/Ref. 7		1
6	NSS	HOUSING	Water Pump Back Order Ref. 8		1
7	6630721	RESERVOIR	Fuel – W/Ref. 5		1
8	6657057	PUMP	Water Assy. W/Ref. 6, 15, 16, 55 & 67		1
9	2FM–10140	WASHER	Sealing		3
10	6630747	SWITCH	Oil Pressure		1
11	44H–12	HOSE CLAMP			6
12	6630756	HOSE			1
13	6624264	MENDER	Hose 5/8" HB x 5/8" HB		2
14	6658554	SCREW			2
15	6657824	WASHER			10
16	6657823	BOLT			10
17	6630759	SWITCH	Thermo	208912818 & Bel. 209011436 & Bel. 209211096 & Bel.	1
18	6630877	O–RING			2
19	6624543	HOSE	Radiator Inlet		1
20	6657936	HOSE CLAMP			3
21	42H–24	HOSE CLAMP			2
22	NAP	COUPLING	Water – See SCTB-SC011 – Was 6630728	208912818 & Bel 209011436 & Bel. 209211096 & Bel.	1
23	6657826	BOLT	Combination		2
24	6658363	SENDER	Temperature – 220 – 208912559, 209211061 & Above, 230 – 209011372 & Above – S/N & Below must replace gauge temperature with Melroe & 6658364 Page O4, Ref. 6		1
25	NSS	NUT	Machine Hex – W/Ref. 24		2
26		DISTRIBUTOR	See Page M17, Ref. 1		1
27	NAP	HOSE			2
28	6657862	HOSE			1
29	6657873	BOLT			1
30	6657817	WASHER			1
31	6657872	CLAMP	Distributor Holddown		1
32	6630767	THERMOSTAT			1
33	6511393	FILTER	Fuel		1
34	NAP	TUBING	132" (3352,8mm)Long – Order Ref. 66		1
35	6657784	SCREW	Was 6658555		3
36	NSS	WASHER	Spring Lock – W/Ref. 35		3
37	6630773	FILTER	Oil		1
38	6646211	BRACKET	Oil Filter – Used on Model 1991 & Below		1

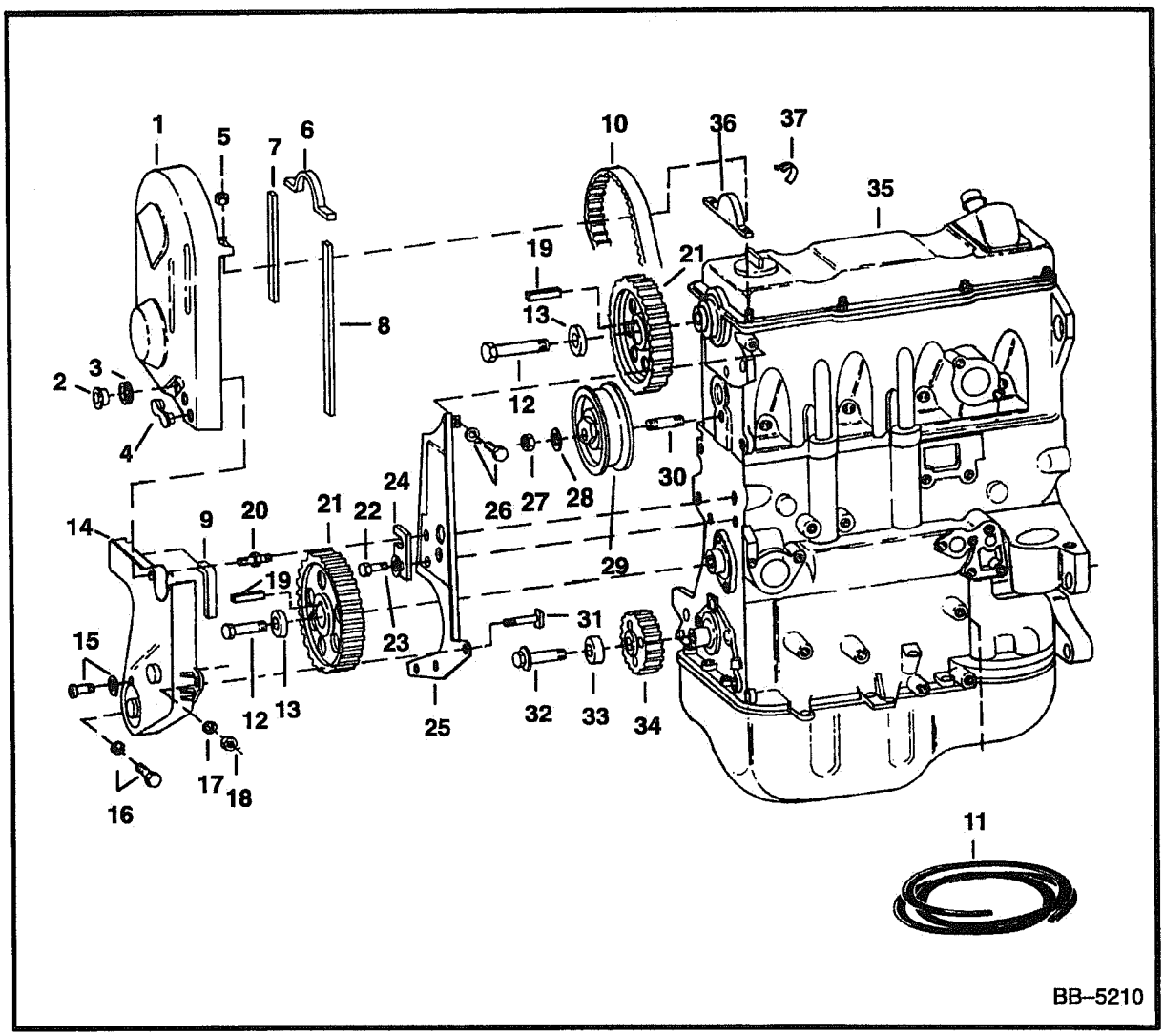
WATER OUTLET, SWITCHES & FILTER OIL (Cont'd)
(POWER UNIT)



Gasket Sets – See Page N2

WATER OUTLET, SWITCHES & FILTER OIL (Cont'd)
(POWER UNIT)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
39	6630775	UNION			1
40	6646212	GASKET			1
41	6630764	SCREW	Combination		2
42	6630768	WASHER	Sealing		2
43	6630762	FUEL PUMP			1
44	6630731	FLANGE	Intermediate		1
45	6630732	WASHER	Sealing		1
46	6630754	HOSE	Water		1
47	NAP	HOSE	17.50" (444,5mm) Long – Order Ref. 65		1
48	6630726	DIPSTICK	Short 8.50"		1
	6646213	DIPSTICK	Long 17"		1
49	6630738	GUIDE	Dipstick Short		1
	6646214	GUIDE	Dipstick Long		1
50	6655587	FUNNEL	Dipstick Tube		1
51	6630757	HOSE			1
52	6624544	HOSE	Radiator Outlet		1
53	6657827	SCREW	Combination		2
54	6630667	ADAPTER	Water Outlet		1
55	6630778	WATER PUMP	W/Shaft & Rotor		1
56	6658861	FLANGE	Coolant	208912819 & Abv.	
				209011437 & Abv.	
				209211096 & Abv.	1
57	6658865	O–RING			3
58	6658866	BAND			3
59	6658864	PLUG			1
60	6658860	SENDER	Temperature – Black		1
61	6658863	SWITCH	Temperature – Red		1
62	6618387	HARNESS	Adapter – Sender Black		1
63	6618388	HARNESS	Adapter – Sender Red		1
64	6577821	HOSE – 1/4" ID	Bulk – Sold Per Foot		x
65	889269	HOSE – 5/8" ID	Bulk – Sold Per Foot		x
66	6612842	TUBING	Bulk – Sold Per Foot		x
67	6630737	GASKET			1
68	6664225	BRACKET	Oil Filter – Used on 1992 Model & Above		1
69	6664226	GASKET			1
70	6657900	PLUG			3
71	6657785	WASHER	Sealing		3
72	6664227	VALVE			1
73	NAP	HOSE	2.5" (63,5mm) Long – Order Ref. 64		2

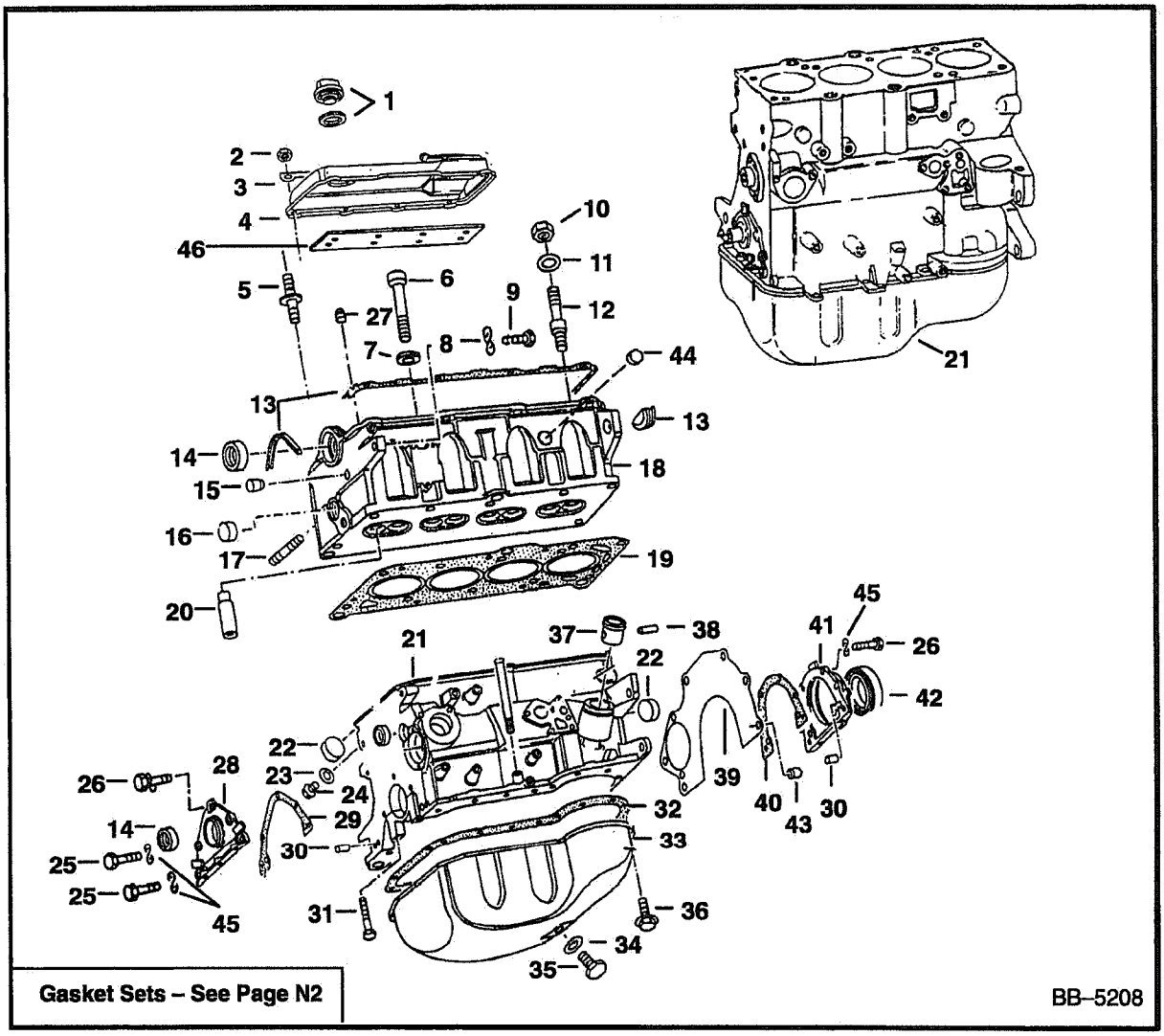


ENGINE, TIMING BELT (POWER UNIT)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6630727	COVER	Upper – Includes Ref. 3, 7 & 8		1
	6656489	COVER	Clip Type W/Ref. 37, All 1990 Model & Above		1
2	6630752	NUT	Shouldered		1
3	6630776	GROMMET			1
4	6630753	PLUG			1
5	6657818	NUT			8
6	NAP	STRIP	Sealing 5" (127mm) Long – Order Ref. 11		1
7	NAP	STRIP	Sealing 5.75" (146,05mm) Long Order Ref. 11		1
8	NAP	STRIP	Sealing 8.50" (215,9mm) Long Order Ref. 11		1
9	NAP	STRIP	Sealing 4" (101,6mm) Long – Order Ref. 11		1

ENGINE, TIMING BELT (Cont'd)
(POWER UNIT)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
10	6630740	BELT	Toothed, Timing		1
11	6630777	STRIP	Sealing 8.50" (215,9mm) Long – Cut to length for Ref. 6–9		x
12	6657926	BOLT			2
13	6651272	WASHER	Spacer		2
14	6646215	COVER	Lower – Model 1989 & Below		1
	6656490	COVER	Model 1990 & Above		1
15	6658559	SCREW	Allen Head Combination		1
16	6657895	BOLT	Combination		1
17	6657824	WASHER			1
18	6657818	NUT			1
19	6657776	KEY	Woodruff		2
20	6658561	STUD			1
21	6651273	GEAR	Toothed Belt		2
22	6658606	BOLT			1
23	6657896	WASHER			1
24	6625492	SPACER			1
25	6651274	PLATE	Cover		1
26	6657845	BOLT			1
27	6657839	NUT			1
28	6657840	WASHER			1
29	6651275	ROLLER	Tensioning		1
30	6658607	STUD			1
31	6657941	SCREW	T–Head		1
32	6651262	BOLT			1
33	6651263	WASHER	Spacer		1
34	6651264	PULLEY	Toothed Belt		1
35	6662340	ENGINE, REMAN.	Complete W/Head, Hydraulic Lifters, Crankshaft, Valve Cover, Pistons, Oil Pump and Oil Pan		
36	6656491	BRACKET	Spring Clip – All 1990 Model & Above		1
37	6656488	CLIP			x

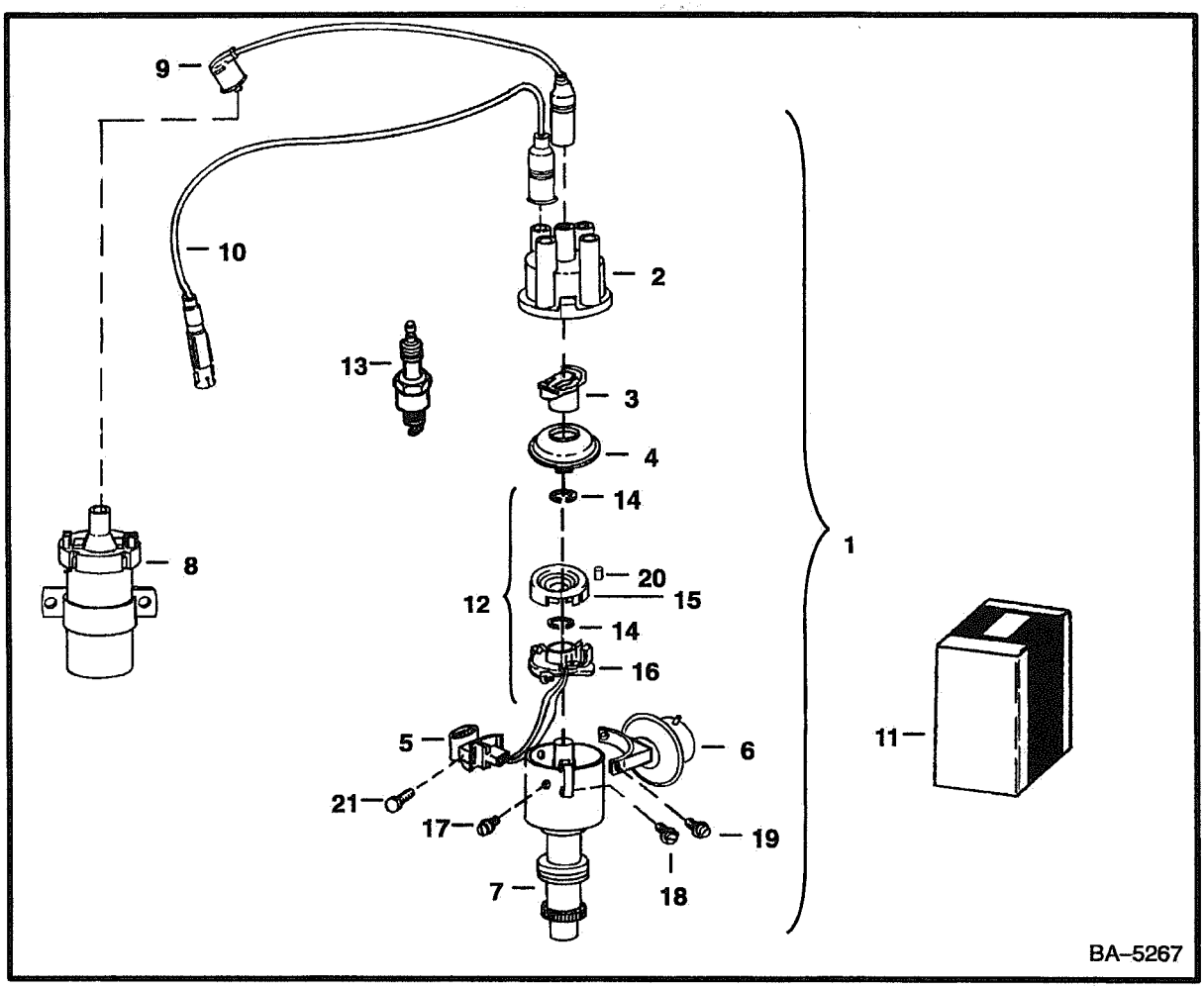


CYLINDER HEAD – OIL PAN – ENGINE (POWER UNIT)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6630722	CAP	Oil – W/Gasket		1
2	1DM–6	NUT			8
3	6657925	STRIP	Cover Reinforcement		2
4	6658556	COVER	Cylinder Head		1
5	6630761	STUD			8
6	6655575	BOLT	Polygon Socket Head		10
7	6658557	WASHER			10
8	6657817	WASHER			1
9	6658001	SCREW			1
10	6657918	NUT			10
11	6657855	WASHER			10
12	6657924	STUD			10
13	6630730	GASKET SET	Cylinder Head Cover – 3 Pieces		1
14	6653337	SEAL			3
15	6658558	PLUG			1

CYLINDER HEAD – OIL PAN – ENGINE (Cont'd)
(POWER UNIT)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
16	6657921	COVER			1
17	6658423	STUD			8
18	6648826	HEAD REMAN.	Cylinder – Solid Lifters – Complete W/Valves and Cam Less Plug – Ref. 44	220–6104 & Bel. 208911001 & Abv.	1
	6651276	HEAD REMAN.	Cylinder – Hydraulic Lifters – Complete W/Valves and Cam Less Plug Ref. 44	220-6105 & Abv. 208911001 & Abv. 209011001 & Abv.	1
19	6651277	GASKET	Cylinder Head – Was 6630764 [D]		1
20	6655949	GUIDE			4
21	NAP	BLOCK REMAN.	Engine Used W/Solid Lifters, Ref. 18 – Complete W/Crankshaft, Pistons and Oil Pan – Replaced by 6662340 –See Page M14, Ref.35 – Was 6630725		1
	NAP	BLOCK REMAN.	Engine Used W/Hydraulic Lifters, Solid Lifters Ref. 18 – Complete W/Crankshaft, Pistons and Oil Pan – Replaced by 6662340 – See Page M14, Ref. 35 – Was 6651278		1
22	6657769	COVER	Was 6655759 [D]		5
23	6657785	WASHER	Sealing		1
24	6657886	PLUG	Drain		1
25	6657874	BOLT			2
26	6657875	BOLT			11
27	6653361	SEAL	Valve		8
28	6657876	FLANGE	Sealing		1
29	6657771	GASKET			1
30	6635731	DOWEL PIN			4
31	6657869	SCREW			10
32	6630739	GASKET	Oil Pan		1
33	6651279	PAN	Oil		13
34	2FM–14200	WASHER	Sealing		1
35	1KM–14	PLUG	Drain		1
36	1CM–614	BOLT			20
37	6657888	BUSH			1
38	6657889	PLUG			2
39	6630318	PLATE	Intermediate		1
40	6657772	GASKET			1
41	6657879	FLANGE	Sealing		1
42	6635732	SEAL			1
43	6630670	SLEEVE			2
44	6657758	PLUG			1
45	6657824	WASHER	Spring		11
46	6665723	DEFLECTOR	Oil		1



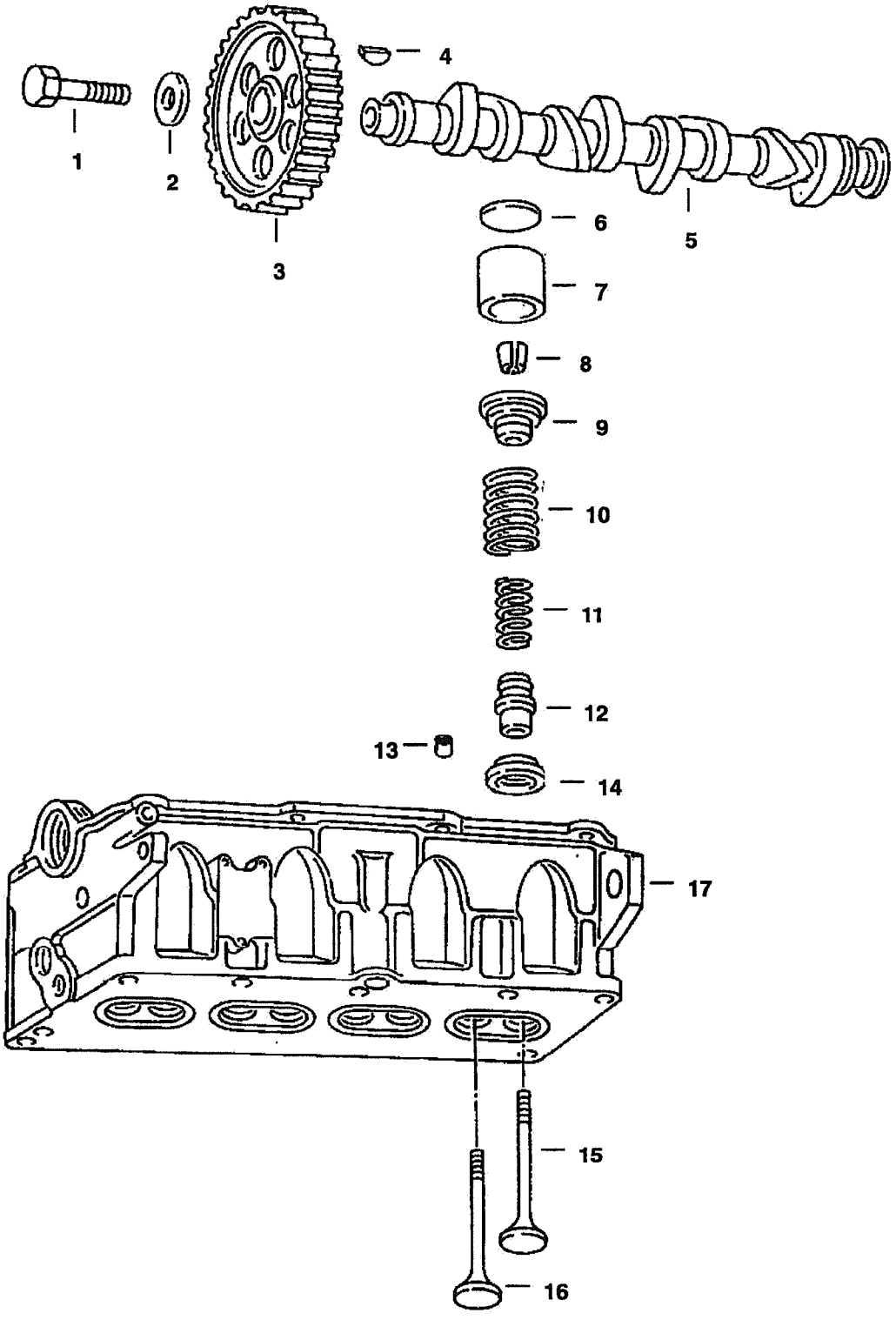
DISTRIBUTOR – ENGINE (POWER UNIT)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6632556	DISTRIBUTOR	Assy. – W/Ref. 2 – #6632553		1
2	6510664	CAP	Distributor	220-5274 & Bel.	1
	6632553	CAP	Distributor	220-5275–6537	
				208911001 & Abv.	1
3	6630734	ROTOR	9/16" Shaft	2090 – ALL	1
	6662935	ROTOR	3/8" Shaft		1
4	6630735	COVER	Dust		1
5	6630736	BUSHING	Less Ref. 16		1
6	6630766	VACUUM			1
7	6630765	WASHER	Sealing		1
8	6630314	COIL	Ignition	220–5274 & Bel.	1
	6632550	COIL	Ignition	220–5275–6537	
				208911001 & Abv.	1
9	NSS	WIRE	Coil – Order Ref. 11	2090 – ALL	1
10	NSS	WIRE	Spark Plug – Order Ref. 11		4
11	6632549	KIT	Ignition Cable – Includes 4 of Ref. 10 & 1 of Ref. 9		1
12	6649673	HALL SENDER	W/Ref. 14–21		1

DISTRIBUTOR – ENGINE (Cont'd)
(POWER UNIT)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
13	6658243	SPARK PLUG			4
14	NAP	SNAP RING	Order Ref. 12		2
15	NAP	COVER	Metal – Order Ref. 12		1
16	NAP	SENDER	W/Ref. 5 – Order Ref. 12		1
17	NAP	SCREW	Order Ref. 12		2
18	NAP	SCREW	Order Ref. 12		2
19	NAP	SCREW	Order Ref. 12		1
20	NAP	PIN	Order Ref. 12		1
21	NAP	STUD	Plastic – Order Ref. 12		1

SOLID LIFTERS, CAMSHAFT & VALVES (POWER UNIT)

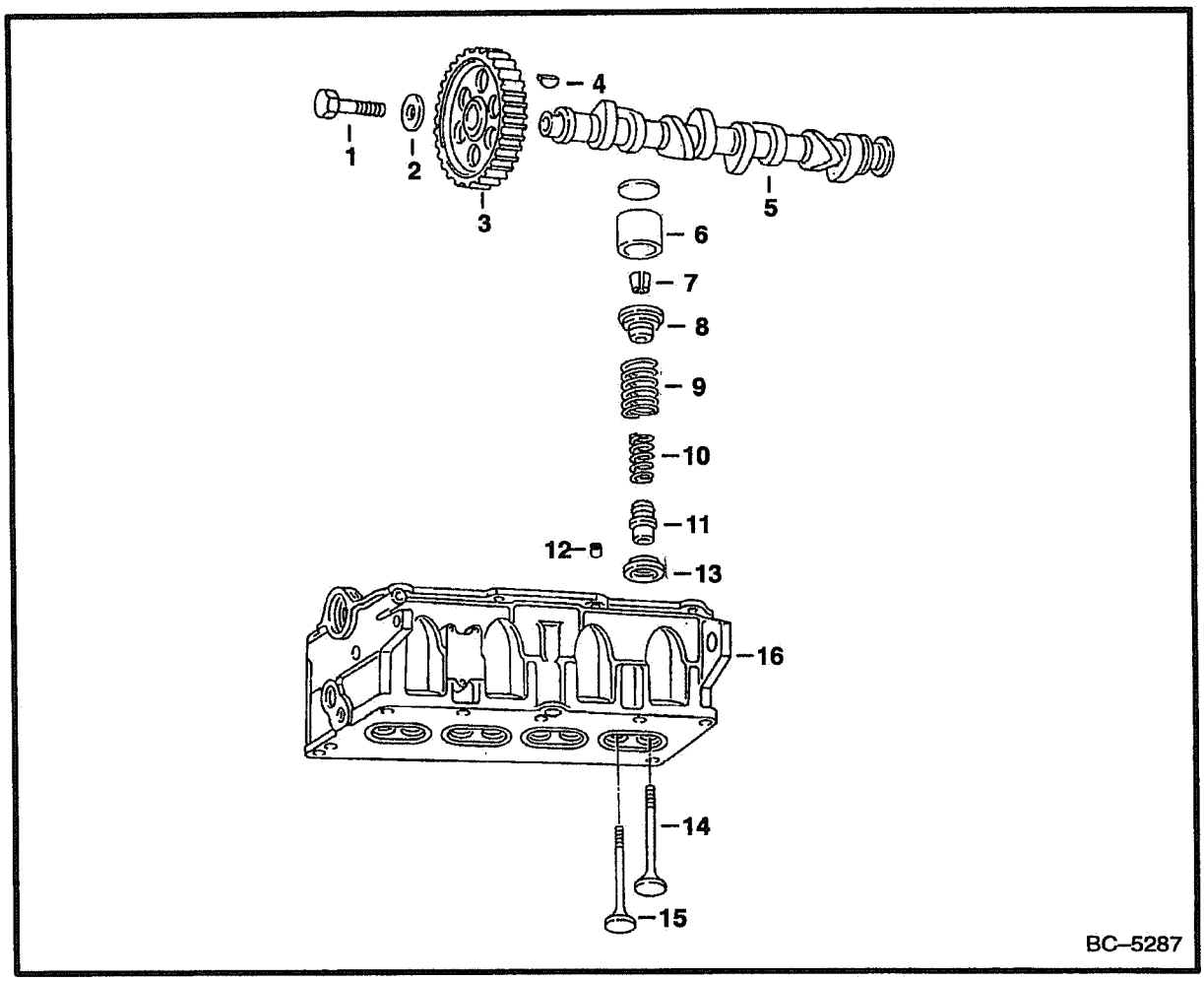


Gasket Sets – See Page N2

BC–5287

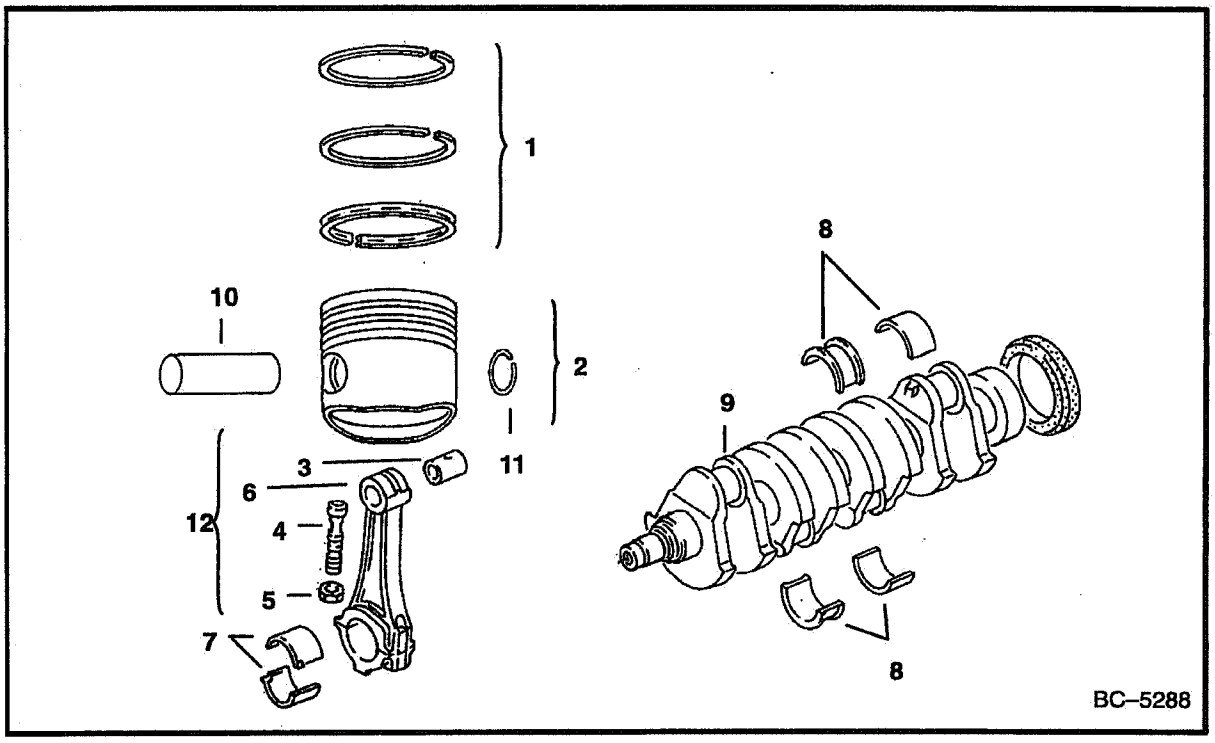
SOLID LIFTERS, CAMSHAFT & VALVES (Cont'd)
(POWER UNIT)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6657926	BOLT			1
2	6651272	WASHER			1
3	6651273	GEAR			1
4	6657776	KEY	Was 6653371 [A]		1
5	6653362	CAMSHAFT			1
6	6633704	SHIM	3.00 mm		x
	6633705	SHIM	3.05 mm		x
	6633706	SHIM	3.10 mm		x
	6633707	SHIM	3.15 mm		x
	6633708	SHIM	3.20 mm		x
	6633709	SHIM	3.25 mm		x
	6633710	SHIM	3.30 mm		x
	6633711	SHIM	3.35 mm		x
	6633712	SHIM	3.40 mm		x
	6633713	SHIM	3.45 mm		x
	6633714	SHIM	3.50 mm		x
	6633715	SHIM	3.55 mm		x
	6633717	SHIM	3.60 mm		x
	6633718	SHIM	3.65 mm		x
	6633719	SHIM	3.70 mm		x
	6633720	SHIM	3.75 mm		x
	6633721	SHIM	3.80 mm		x
	6633722	SHIM	3.85 mm		x
	6633723	SHIM	3.90 mm		x
	6633726	SHIM	3.95 mm		x
	6633727	SHIM	4.00 mm		x
	6633728	SHIM	4.05 mm		x
	6633754	SHIM	4.10 mm		x
	6633755	SHIM	4.15 mm		x
	6633804	SHIM	4.20 mm		x
	6633805	SHIM	4.25 mm		x
7	6653355	CAM	Follow		8
8	6653360	KEEPER	Valve – 2 Required Per		16
9	6653359	SEAT	Spring		8
10	6653356	SPRING			8
11	6653358	SPRING			8
12	6653361	SEAL	Valve		8
13	6653363	GUIDE	Valve		8
14	6653357	SEAT	Spring		8
15	6653354	VALVE	Exhaust		4
16	6653353	VALVE	Intake		4
17	NSS	HEAD	Only – See Page M16, Ref. 18		1



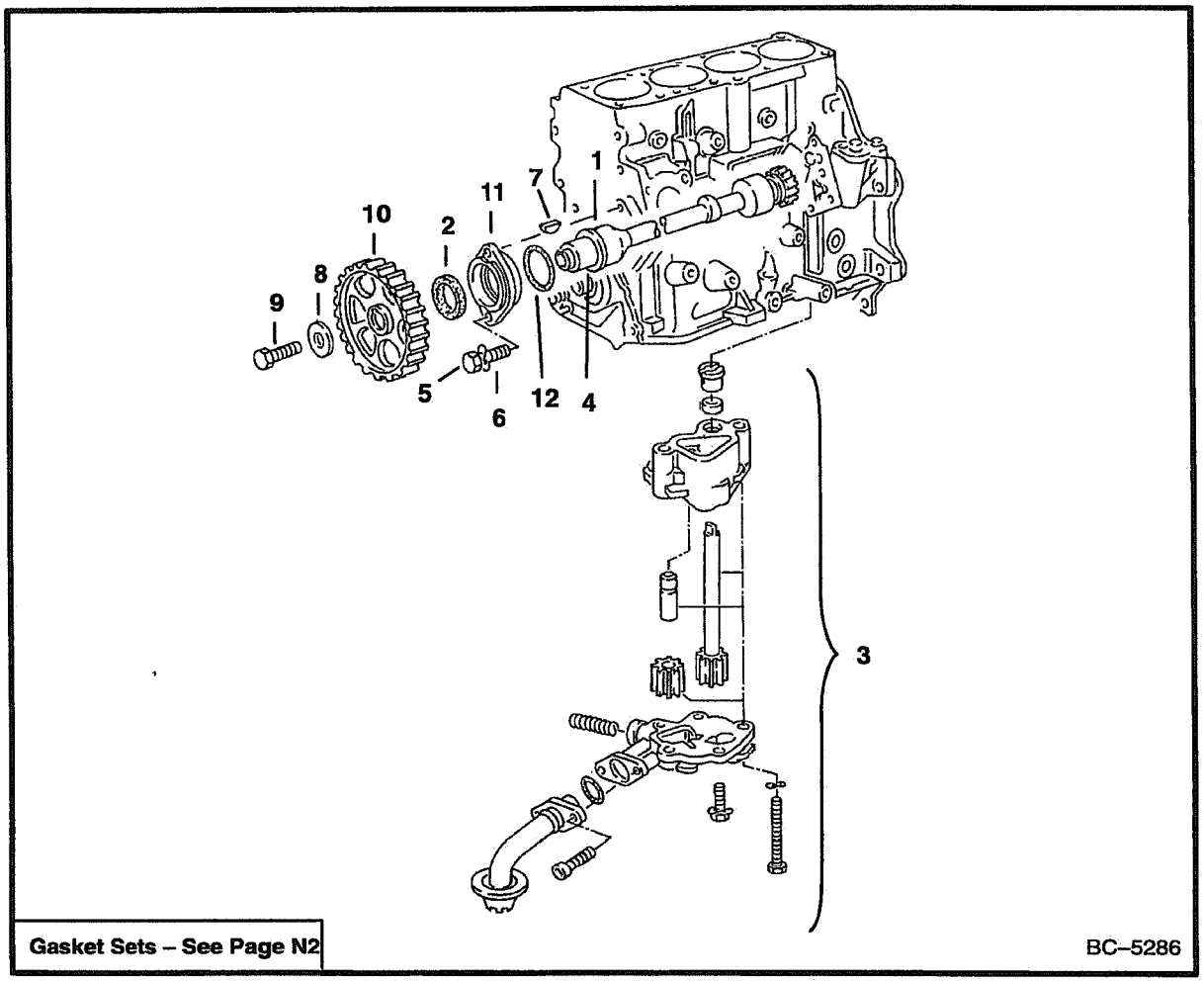
HYDRAULIC LIFTERS, CAMSHAFT & VALVES (POWER UNIT)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6657926	BOLT			1
2	6651272	WASHER			1
3	6651273	GEAR			1
4	6657776	KEY	Was 6653371[A]		1
5	6655950	CAMSHAFT			1
6	6655946	CAM	follow		8
7	6653360	KEEPER	Valve – 2 Required Per		16
8	6653359	SEAT	spring		8
9	6653356	SPRING			8
10	6653358	SPRING			8
11	6653361	SEAL	valve		8
12	6655949	GUIDE	valve		8
13	6653357	SEAT	spring		8
14	6655948	VALVE	exhaust		4
15	6655947	VALVE	intake		4
16	NSS	HEAD	Only – See Page M16, Ref. 18		1



PISTONS, RINGS & CRANKSHAFT
(POWER UNIT)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6653345	RINGS	Piston – Standard – Set of Four		1
	6653346	RINGS	Piston – .020" Oversize – Set of Four		1
	6653347	RINGS	Piston – .040" Oversize – Set of Four		1
2	6653342	PISTON	Standard – W/Ref. 10 & 11		4
	6653343	PISTON	.020" Oversize – W/Ref. 10 & 11		4
	6653344	PISTON	.040" Oversize – W/Ref. 10 & 11		4
3	6653368	BUSHING			4
4	6653366	BOLT	Connecting Rod		8
5	6653367	NUT			8
6	NSS	ROD	Connecting – Order Ref. 12 –		
7	6653339	BEARING	Was 6653369 [A] Connecting Rod – Standard – Set of Four		1 1
	6653340	BEARING	Connecting Rod – .010" Oversize – Set of Four		1
	6653341	BEARING	Connecting Rod – .020" Oversize – is 1/2 Bearing – need 2 per Rod connecting		x
8	6653348	MAIN BEARINGS	Standard – Set of Five		1
	6653349	MAIN BEARINGS	.010" Oversize – Set of Five		1
	6653350	MAIN BEARINGS	.020" Oversize – Set of Five		1
9	6653370	CRANKSHAFT	new		1
10	NSS	PIN	Wrist – Order Ref. 2		4
11	NSS	SNAP RING	Order Ref. 2		4
12	6653369	ROD	Connecting W/Ref. 3 – 6		4



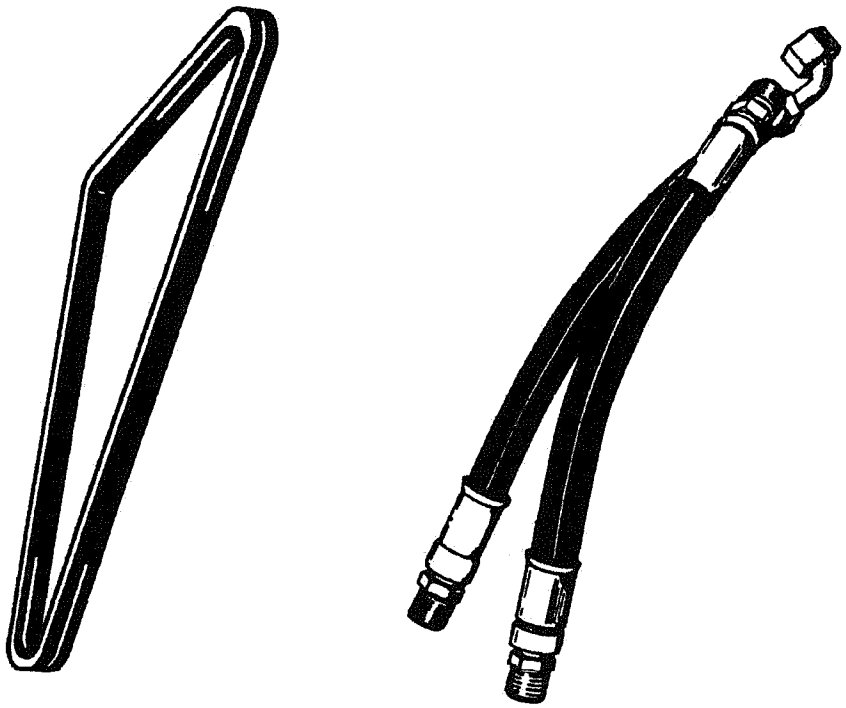
Gasket Sets – See Page N2

BC–5286

OIL PUMP
(POWER UNIT)

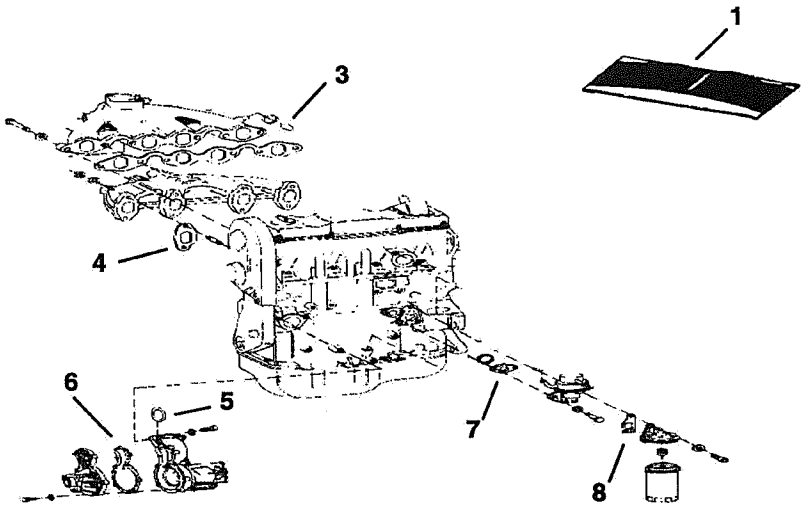
Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6653351	BEARINGS	Intermediate Shaft – Set of Two – Front and Rear		1
2	6653337	SEAL	Intermediate Shaft		1
3	6653352	OIL PUMP			1
4	6657774	SHAFT	Intermediate		1
5	6657874	BOLT			2
6	6657817	WASHER			2
7	6657776	KEY			1
8	6651272	WASHER			1
9	6657892	BOLT			1
10	6651273	GEAR			1
11	6657891	GUIDE	Ring		1
12	6664208	O–RING			1

Use only Melroe belts and hoses to maintain maximum service life.

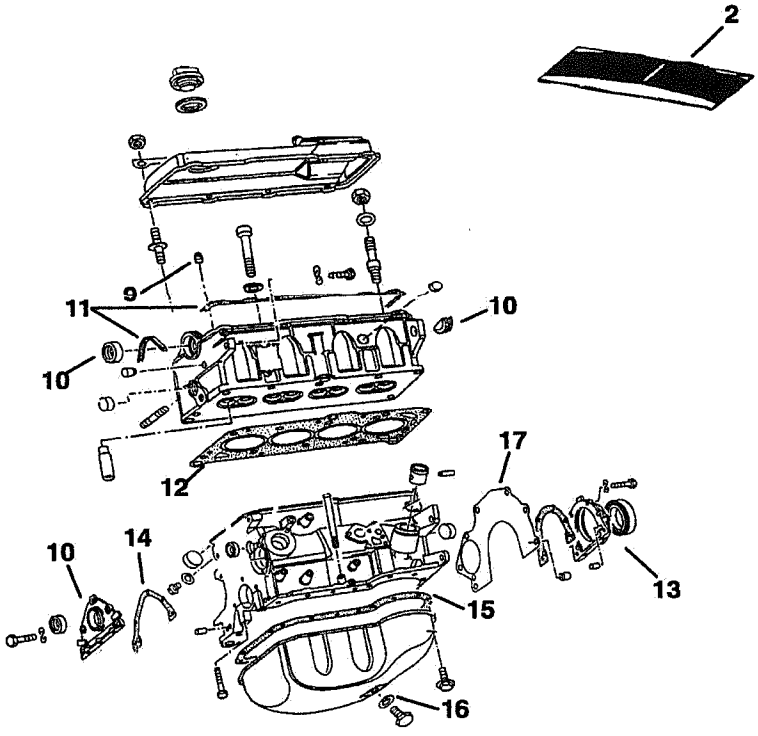


Available from Melroe Parts.

GASKET SETS, ENGINE
(POWER UNIT)



BD–5203

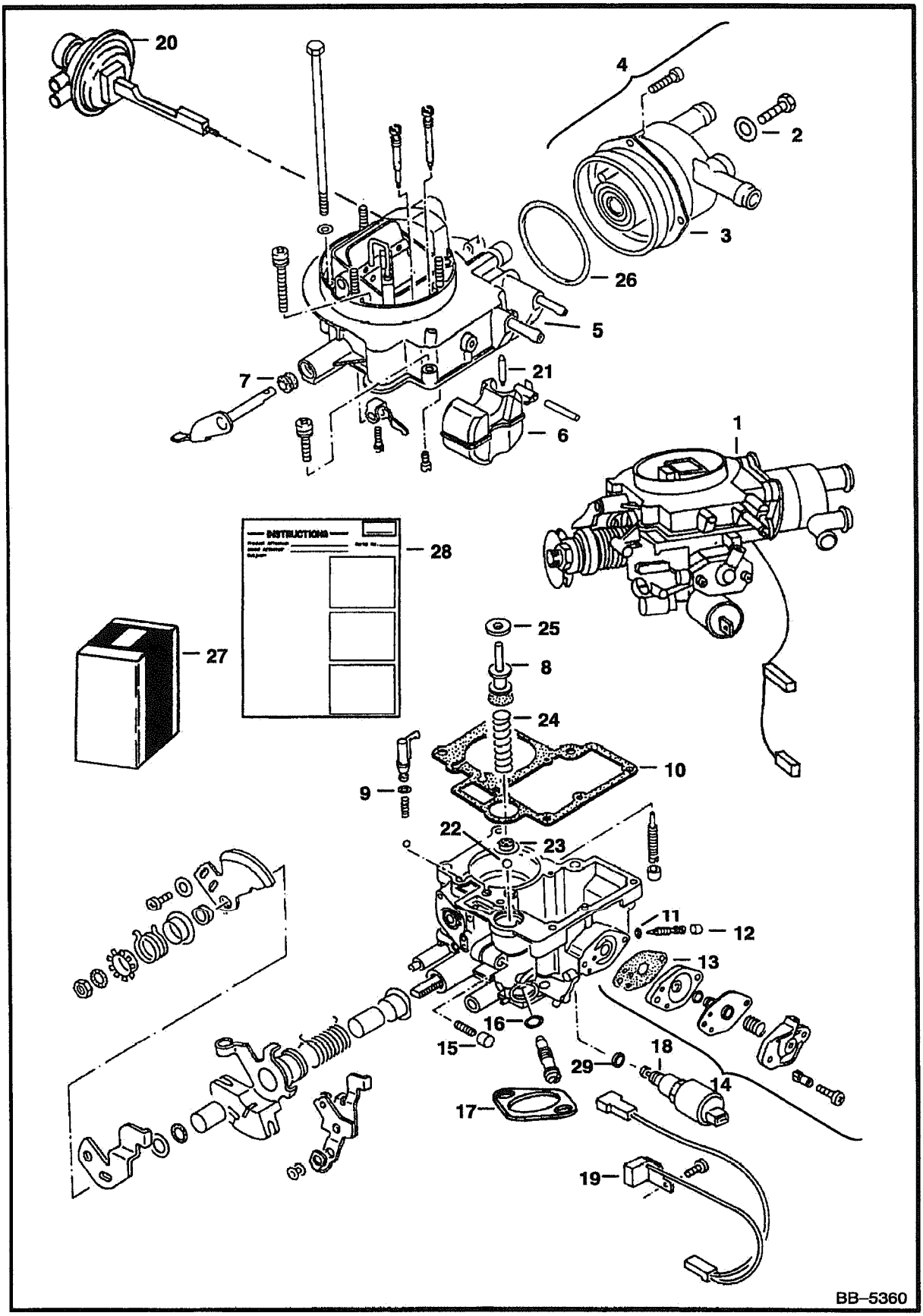


BB–5208

GASKET SETS, ENGINE (Cont'd)
(POWER UNIT)

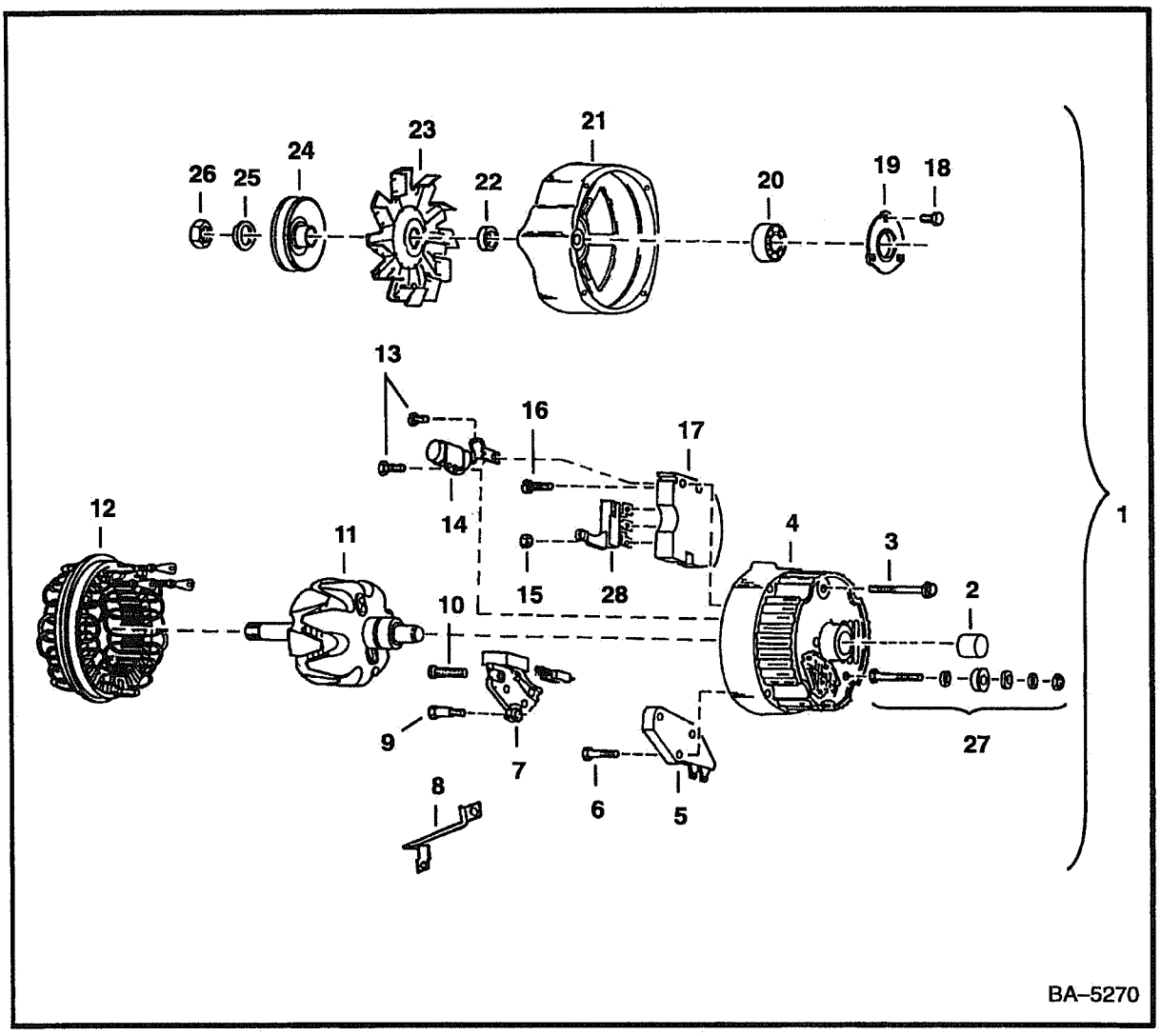
Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6653365	GASKET SET	Complete with Ref. 3, 4 & 9–12		1
2	6653364	GASKET SET	Complete with Ref. 3–17		1
3	6646206	GASKET	Intake Manifold – See Page M6, Ref. 27		1
4	6646209	GASKET	Exhaust Manifold– See Page M6, Ref. 33		4
5	6630768	WASHER	Sealing – See Page M12, Ref. 42		2
6	6630737	GASKET	Water Pump Housing – See Page M12, Ref. 67		1
7	6630732	WASHER	Sealing – See Page M12, Ref. 45		1
8	6646212	GASKET	See page M12, Ref. 40		1
9	6653361	SEAL	Valve – See Page M16, Ref. 27 & M20, Ref. 12		8
10	6653337	SEAL	See Page M15, Ref. 14 & M23, Ref. 2		2
11	6630730	GASKET SET	Cylinder Head Cover – See Page M15, Ref. 13		1
12	6651277	GASKET	Cylinder Head – See Page M16, Ref. 19		1
13	6635732	SEAL	See Page M16, Ref. 42		1
14	6657771	GASKET	Sealing Flange – See Page M16, Ref. 29		1
15	6630739	GASKET	Oil Pan – See Page M16, Ref. 32		1
16	2FM–14200	WASHER	Sealing – See Page M16, Ref. 34		1
17	6657772	GASKET	Sealing Flange – See Page M16, Ref. 40		1

CARBURETOR
(POWER UNIT)



CARBURETOR (Cont'd)
(POWER UNIT)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6632060	CARBURETOR	Complete – W/Ref. 2–16, 18 & 20–26		1
2	6651280	O–RING	Small		1
3	NSS	GASKET	Order Ref. 27		1
4	6630718	CHOKE	assembly – Includes Ref. 2–3		1
5	NSS	BODY	Upper Carburetor – order Ref. 1 – Was 6651282 [A]		1
6	6649657	FLOAT	W/Mounting Pin & Ref. 21		1
7	6651283	WASHER	Choke Shaft Sealing		1
8	6647817	PISTON	Pump Assembly – W/Ref. 22–25		1
9	6647812	O–RING			1
10	6651284	GASKET	Carburetor Body		1
11	6647815	O–RING			2
12	6651285	PLUG			1
13	NAP	GASKET	Enrichment Pump-Order Ref. 14		
14	6647814	THROTTLE	– Was 6647816 [A] Enrichment Valve Assembly W/Ref. 13		1
15	6651286	CAP			1
16	6647813	O–RING			1
17	6630733	GASKET	Carburetor to Manifold		1
18	6630719	VALVE	By–Pass Air		1
19	6630720	WIRE	Heater – By–Pass Air		1
20	6632546	UNIT	Pull Open – W/O–ring		1
21	NSS	NEEDLE	Float – Order Ref. 6 – Was 6647811		1
22	NSS	BALL	Available in Kit only, Ref. 8		1
23	NSS	CAP	Available in Kit only, Ref. 8		1
24	NSS	SPRING	Available in Kit only, Ref. 8		1
25	NSS	GUIDE RING	Available in Kit only, Ref. 8		1
26	6646207	O–RING	Install inside of Ref. 4		1
27	6632547	KIT	Carburetor – Includes Ref. 2, 3, 7 & 9–17		1
28	6629518	MANUAL	Service		1
29	6669230	WASHER	Brass		1

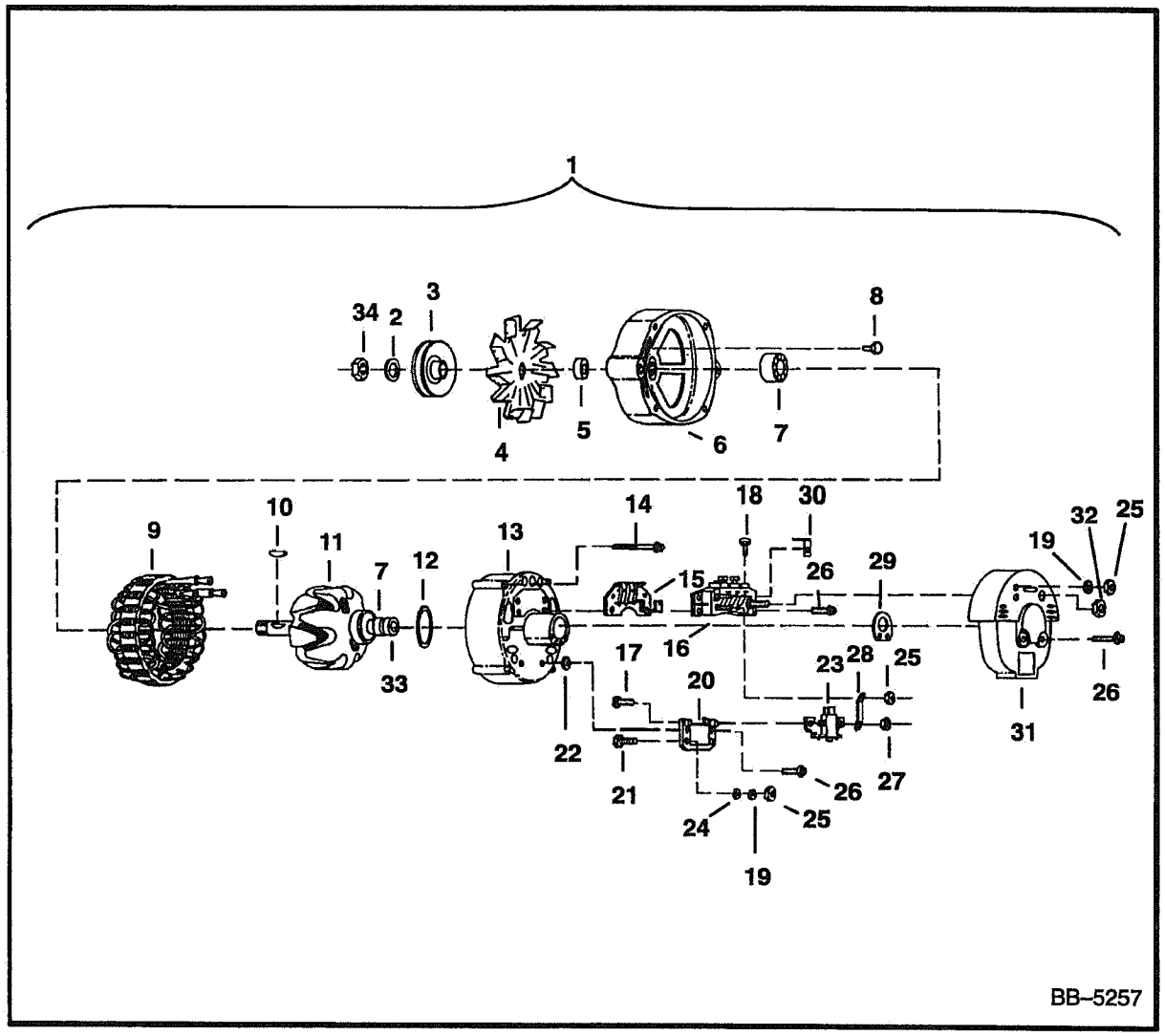


ALTERNATOR – DELCO
MODELS 220 & 230 – S/N 5956 & Below
(POWER UNIT)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	908221	ALTERNATOR	W/Ref.2–22, 25 & 26 – Less Ref. 23, 24		1
	908221REM	ALTERNATOR	Remanufactured		1
2	905351	BEARING			1
3	897467	BOLT	Was 908106		4
4	905956	FRAME	W/Ref. 2		1
5	994381	REGULATOR	Voltage		1
6	NSS	SCREW	W/Lockwasher – Regulator Attach. – Grd. – Was 999396 [A]		2
7	999394	HOLDER	Brush Assembly		1
8	NSS	TERMINAL	Was 6599774 [A]		1
9	NSS	SCREW	Brush Holder Attach.– Insul. – Was 6511957 [A]		2
10	NSS	SCREW	Brush Holder Attach. – Pivot – Was 999397 [A]		1

ALTERNATOR – DELCO (Cont'd)
Models 220 & 230 – S/N 5956 & Below
(POWER UNIT)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
11	6599771	ROTOR	Was 908015 [A]		1
12	908016	STATOR			1
13	NSS	SCREW	W/Lockwasher – Capacitor Lead Attach. – Was 994378 [A]		2
14	999308	CAPACITOR			1
15	12D–8	NUT			1
16	6599768	SCREW	W/Washer – Rectifier Bridge Attach.		1
17	6599767	RECTIFIER			1
18	45G–1008	BOLT	Ball Bearing Plate Attach.		3
19	850315	PLATE	retainer		1
20	784950	BEARING			1
21	905957	FRAME			1
22	909831	COLLAR	Was 905958 [A]		1
23	329884	FAN	Alternator		1
24	6541902	PULLEY	Alternator Drive		1
25	794584	WASHER			1
26	859369	NUT			1
27	905952	TERMINAL	Package		1
28	994383	DIODE			1

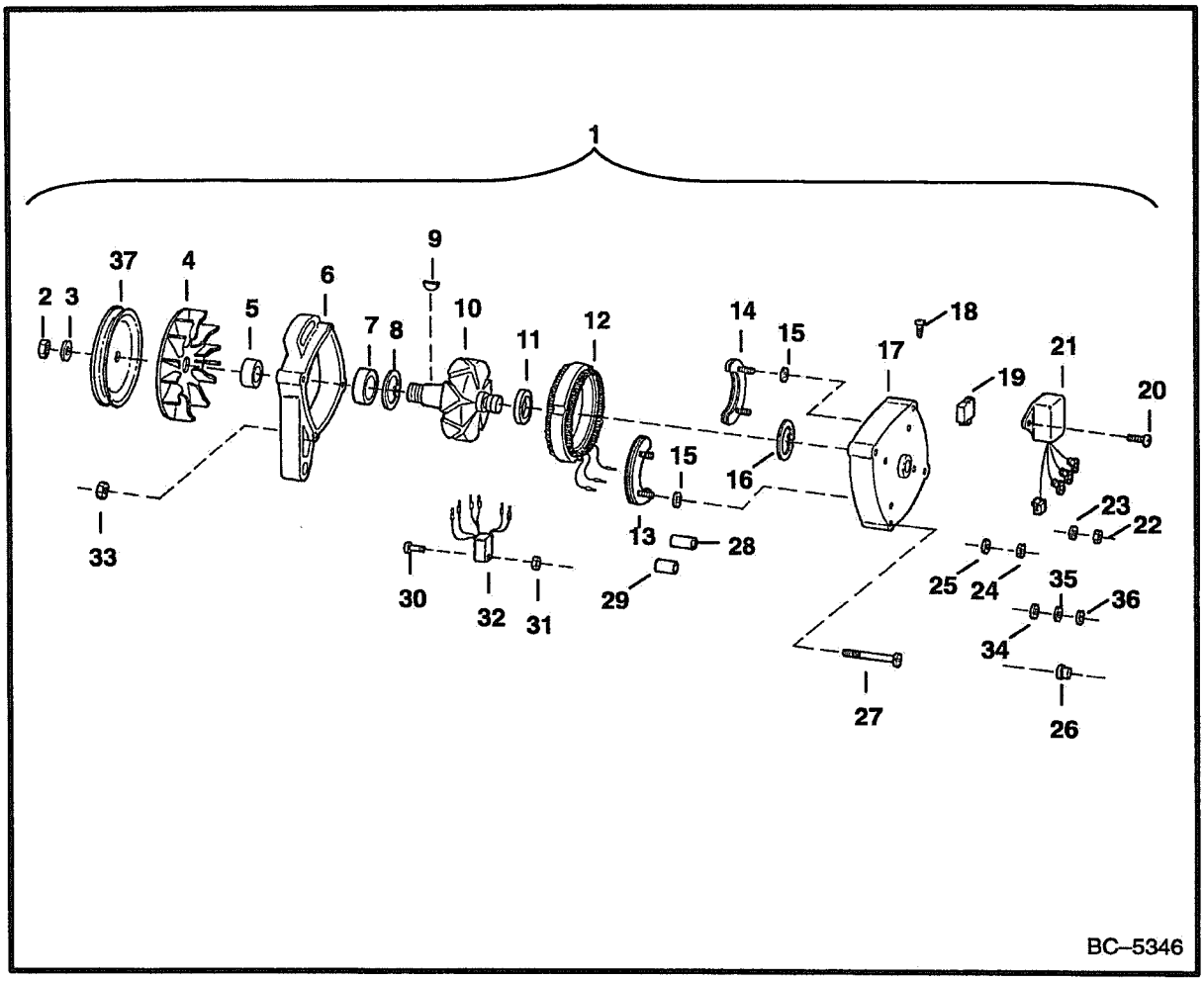


ALTERNATOR – MOTOROLA
220 – S/N 5957–6537 & S/N 208911001 Thru 208913954 – All 230 Models
(POWER UNIT)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	NAP	ALTERNATOR	W/Ref. 2-34 – Order 6667344 Page N9 – Was6633295 [A]		1
2	6635557	WASHER	Split Lock		1
3	6649609	PULLEY	Alternator Drive		1
4	6649458	FAN	Alternator		1
5	6649459	SPACER	Fan		1
6	6632948	HOUSING	Front		1
7	889163	BEARING	Front		2
8*	NAP	SCREW	Conical Washer – Was 6635528 [A]		3
9	6649457	STATOR	Assembly		1
10	6J–405	KEY			1
11	6649456	ROTOR	Assembly		1
12	6599626	RETAINER	Rear Bearing		1
13	6634855	HOUSING	Rear		1

ALTERNATOR – MOTOROLA (Cont'd)
220 – S/N 5957–6537 & S/N 208911001 Thru 208913954 – All 230 Models
(POWER UNIT)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
14	6635455	BOLT			4
15	6634868	BRIDGE	Rectifier Diode		1
16	6634858	RECTIFIER DIODE			1
17	6635529	SCREW	Machine		2
18	6649460	SCREW	Self–Tapping		3
19	6635531	WASHER	Flat		x
20	6634952	REGULATOR	Voltage		1
21	6649461	SCREW	Machine		2
22	896996	WASHER	Insulator		2
23	6634891	BRUSH	assembly		1
24*	NAP	WASHER	Was 6635564 [A]		2
25	6635515	NUT	Lock		x
26	84G–1612	SCREW	Self Tapping		8
27	6635522	NUT	Lock		2
28	6634886	STRAP	Terminal		1
29	6634892	WASHER	Felt		1
30*	NAP	STRAP	AC Tap – Was 6634948 [A]		1
31	6634931	COVER	Frame		1
32	6635498	NUT			2
33	6634857	SLIP RING			1
34	6635526	NUT	Pulley Mounting		1



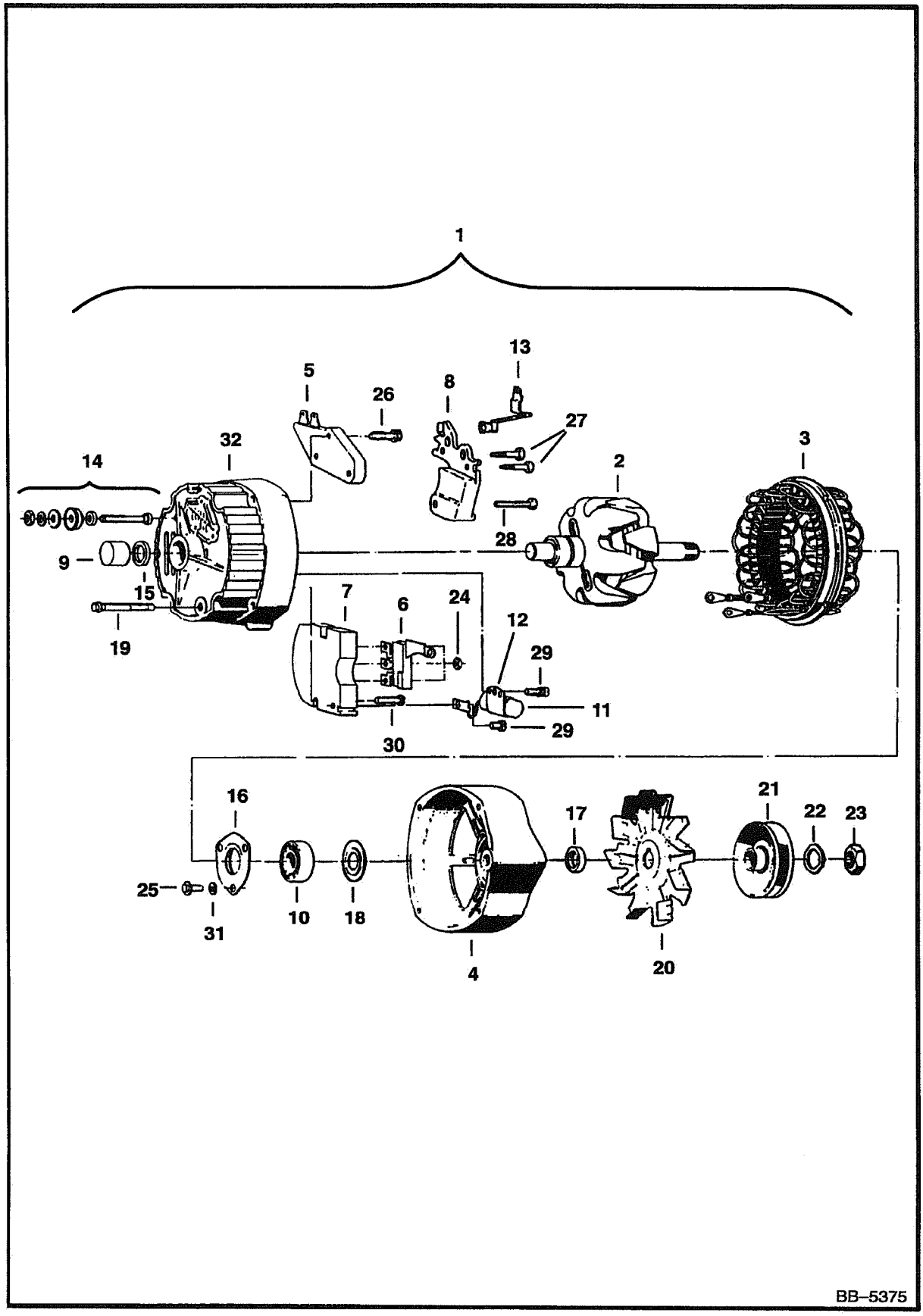
ALTERNATOR – PRESTOLITE
(Power Unit)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6667344	ALTERNATOR	85 amp – W/Ref. 2–37		1
2	6635526	NUT			1
3	6635557	WASHER			1
4	6668831	FAN			1
5	6668832	SPACER			1
6	6668833	HOUSING	Front		1
7	6668834	BEARING	Front		1
8	6634084	RETAINER			1
9	6J–405	KEY			1
10	6668835	ROTOR			1
11	1991038	BEARING	Rear		1
12	6668836	STATOR	Assembly		1
13	6668837	DIODE	Negative		1
14	6668838	DIODE	Positive		1
15	896990	WASHER	#10 x 3/4		2
16	896992	RETAINER			1
17	6668839	HOUSING	Rear		1
18	6668840	SCREW			1

ALTERNATOR – PRESTOLITE (Cont'd)
(Power Unit)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
19	6668841	BUSH	Assembly		1
20	6668842	SCREW			4
21	6668843	REGULATOR	Voltage		1
22	6635498	NUT			2
23	6668844	WASHER			4
24	6668845	NUT			2
25	6668846	WASHER	1/4" stud		2
26	6668847	CAP			1
27	6668848	BOLT			4
28	6668849	SLEEVE	1/4" ID x 1/2"		1
29	6668850	SLEEVE	#10 x 1/3		2
30	7C–322	BOLT	10–24 x1 1/2"		1
31	897245	INSULATOR	Square – #10 ID, 5/8" OD		1
32	6668851	DIODE	Trio		1
33	6668852	NUT			5
34	6668853	WASHER	Flat 1/4"		1
35	6635531	WASHER	Flat #10		2
36	6668854	WASHER	Flat .023 ID x .50 OD		5
37	6649609	PULLEY			1

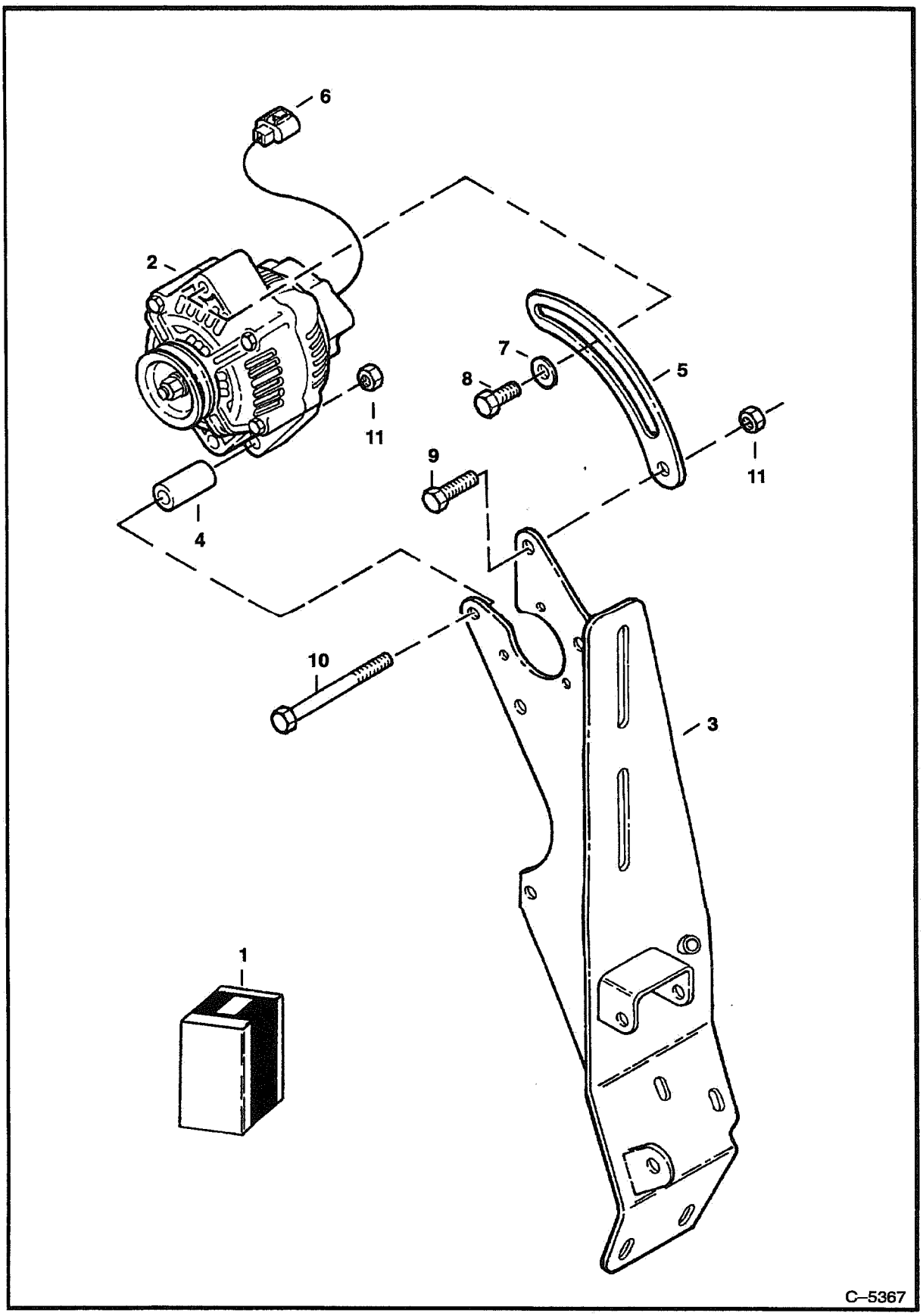
ALTERNATOR – DELCO
(Power Unit)



ALTERNATOR – DELCO (Cont'd)
(Power Unit)

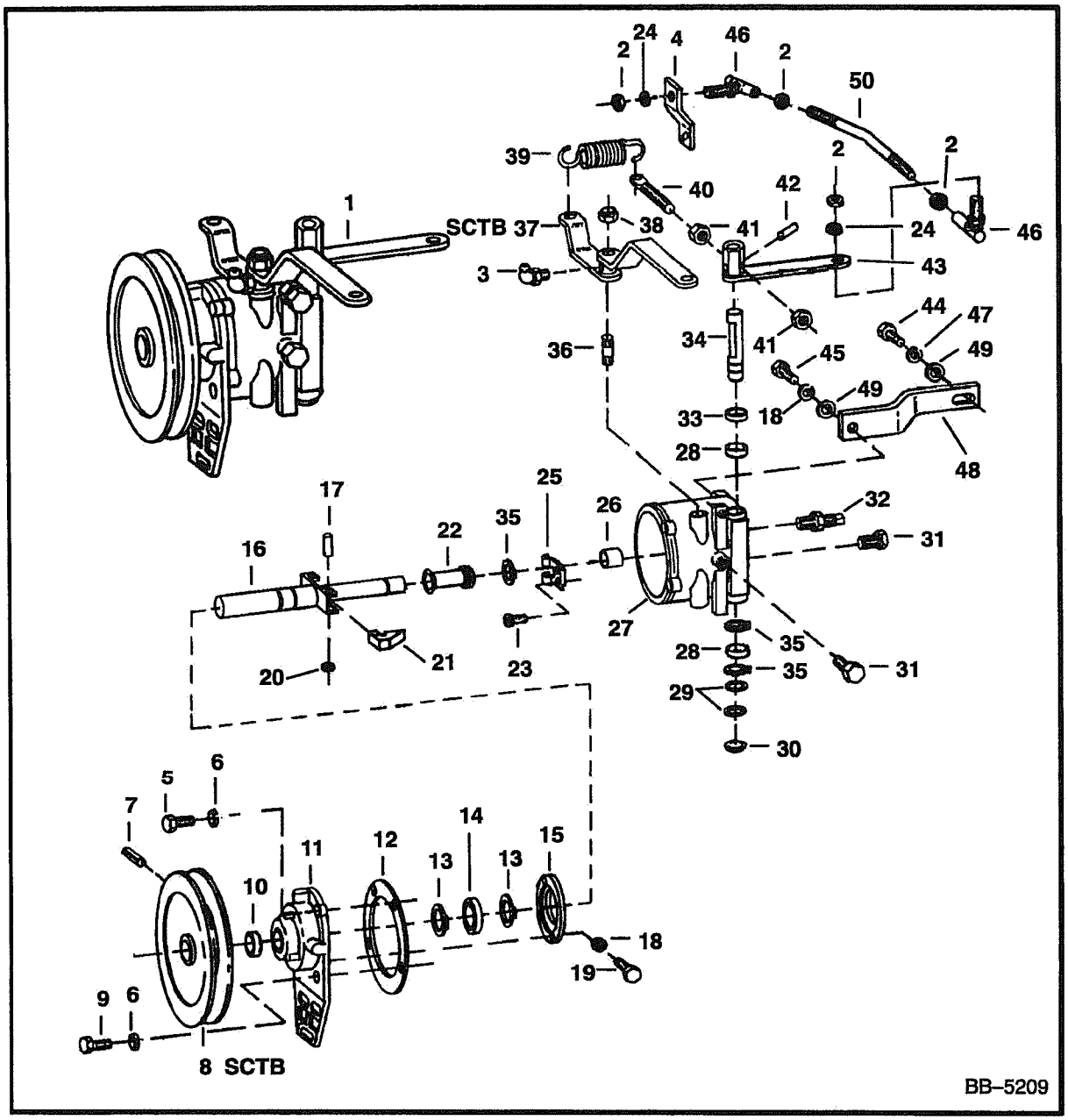
Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1*	6673145	ALTERNATOR	Reman – W/Ref. 2-19, 22, 23, 105 amp – Mounting – See Page L22 M– Was 6661195 [A]	208913955 & Abv.	1
2	6662004	ROTOR			1
3	6662005	STATOR			1
4*	NAP	FRAME	W/Ref. 18 – Was 6662006 [A]		1
5	6662029	REGULATOR			1
6	6599769	DIODE	Trio – Negative		1
7	6662007	RECTIFIER	Bridge – Positive		1
8	6662008	BRUSH & HOLDER	Assy.		1
9	6662009	BEARING	S.R.E.		1
10	6662010	BEARING	D.E.		1
11	999308	CAPACITOR	W/Ref. 12		1
12	NSS	BRACKET	Order Ref. 11		1
13	6662011	TERMINAL	Relay		1
14	905952	TERMINAL	Package – Battery		1
15	NSS	SEAL	Order Ref. 1		1
16	6662012	PLATE	Retainer		1
17	6662013	COLLAR	Outside D.E.		1
18	NSS	WASHER	W/Ref. 4		1
19	897467	BOLT			4
20	6661198	FAN			1
21*	6626871	PULLEY	Was Service Dept.		1
22	794584	WASHER			1
23	859369	NUT			1
24	NAP	NUT	11/32"(8,73125mm) x 1/8" (3,175mm)		3
25	6661823	SCREW			3
26	NSS	SCREW	W/Washer – Ground		1
27	NSS	SCREW	Brush Holder – Insl.		2
28	6662015	SCREW			1
29	NSS	SCREW			2
30	6599766	SCREW	W/Washer		1
31	NAP	WASHER			3
32	6662003	FRAME	W/Ref. 9 & 15		1

*ALTERNATOR DENSO 140 AMP KIT
(Electrical System)



*ALTERNATOR DENSO 140 AMP KIT (Cont'd)
(Electrical System)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1*	6804487	KIT	Alternator – W/Ref.		1
2*	6672015	ALTERNATOR	140 amp		1
3*	6804480	MOUNT			1
4*	6625291	SPACER			1
5*	6804482	BRACKET	Adjust		1
6*	6804585	CONNECTOR			1
7*	25E–20	WASHER	Plain		1
8*	29CM–825	BOLT			1
9*	29CM–1030	BOLT			1
10*	29CM–10100	BOLT			1
11*	51DM–10	NUT			2

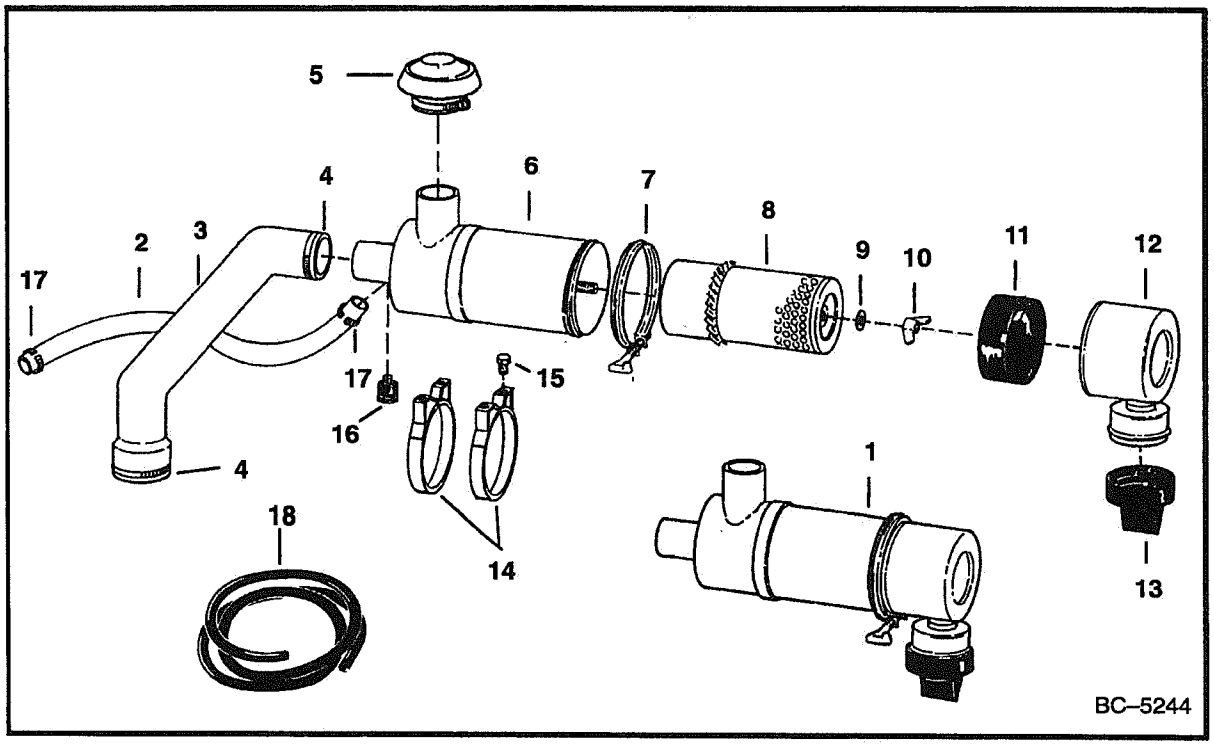


GOVERNOR
(POWER UNIT)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6658101	GOVERNOR	Includes Ref. 3–24, 25–43, 45, 48, 49 & 50		1
2	14D–10	NUT			4
3	6658631	ZERK	grease		1
4	6625462	LEVER	Carburetor		1
5	45G–1216	SCREW			2
6	21E–12	WASHER			4
7	6630879	ROLL PIN			1
8	6630878	PULLEY	See SCTB SC–009		1

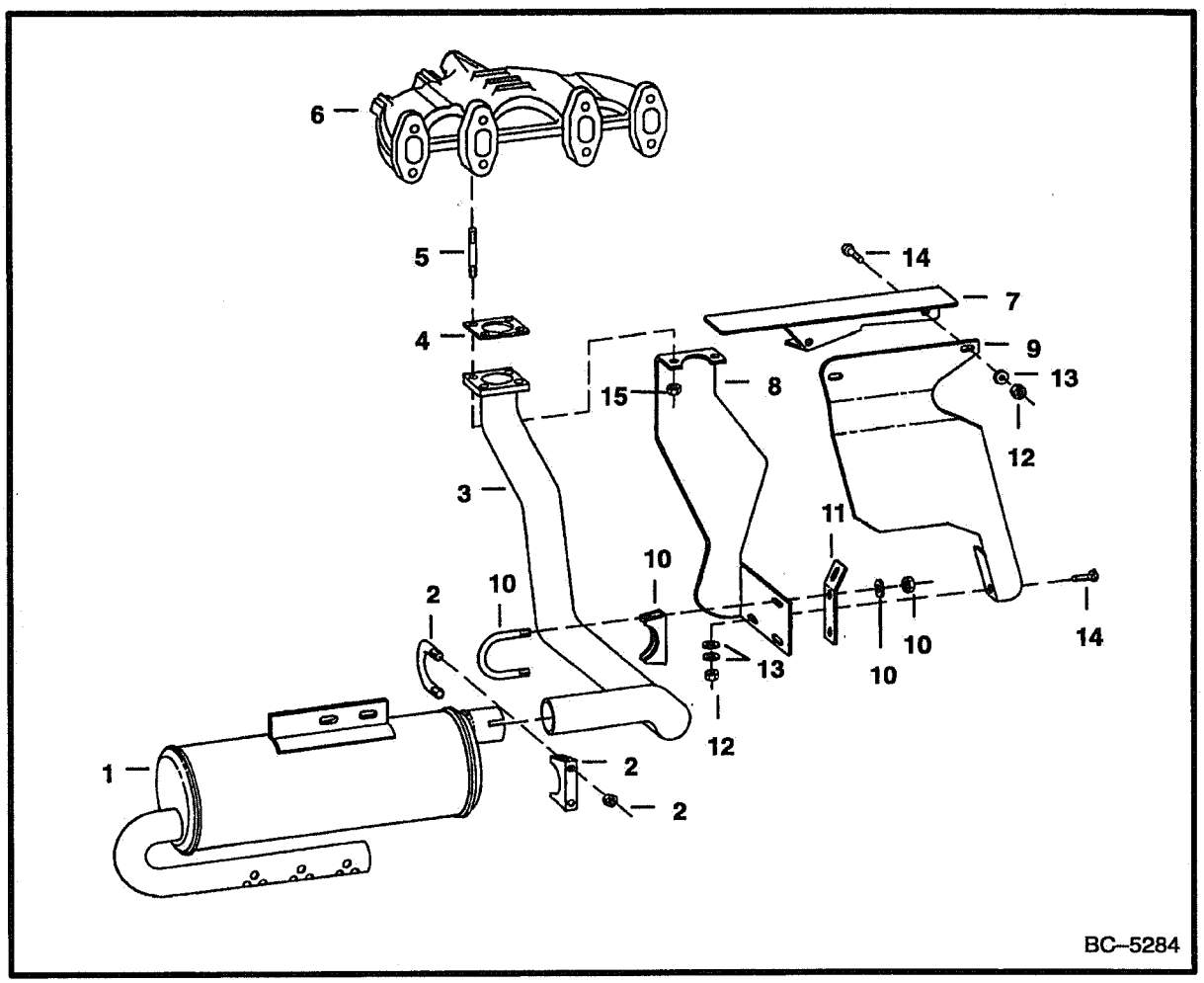
GOVERNOR (Cont'd)
(POWER UNIT)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
9	45G–1212	SCREW			2
10	6513952	SEAL	Front Main Oil		1
11	6630880	COVER			1
12	6630881	GASKET			1
13	710778	CLIP	Retaining Large		2
14	433511	BEARING	Front Main		1
15	6630882	CLAMP	Bearing		1
16	6630883	SHAFT	Governor – W/Yoke		1
17	6630885	PIN	Flywheel Pivot		2
18	4E–4	WASHER			4
19	48G–410	SCREW			2
20	233783	CLIP	Retaining		2
21	6630884	FLY WEIGHT			2
22	6630886	SLEEVE	Thrust		1
23	6630887	SCREW	Rocker Lever Mounting		
			W/Washer		2
24	12E–10	WASHER			2
25	958511	LEVER	Rocker		1
26	763224	BEARING	Rear Main		1
27	6630888	BODY			1
28	958552	BEARING	Rocker Shaft		2
29	958516	SPACER	Welch Plug		2
30	6630889	PLUG	Welch		1
31	40K–2	PLUG	Pipe		2
32	958509	SCREW	Bumper – W/Hex Nut		1
33	897700	SEAL	Rocker Shaft		1
34	6630890	SHAFT	Rocker – Hole not Drilled		1
35	730538	CLIP	Retaining, Small		3
36	6630893	STUD	Lever Pivot		1
37	6658102	LEVER	Throttle – W/Ref. 3 – See		
			SCTB SC–007		1
38	86D–6	NUT			1
39	6630896	SPRING			1
40	6630892	EYEBOLT			1
41	62D–5	NUT			2
42	664131	ROLL PIN			1
43	6630891	LEVER	Speed Adjusting		1
44	1CM–818	BOLT			1
45	17C–410	BOLT			1
46	6630661	JOINT	Ball		2
47	4E–5	WASHER			1
48	6625461	BRACKET	Governor Support – See Page		
			M6, Ref. 3		1
49	25E–15	WASHER			x
50	6625464	ROD	Throttle		1



AIR CLEANER ASSEMBLY
(POWER UNIT)

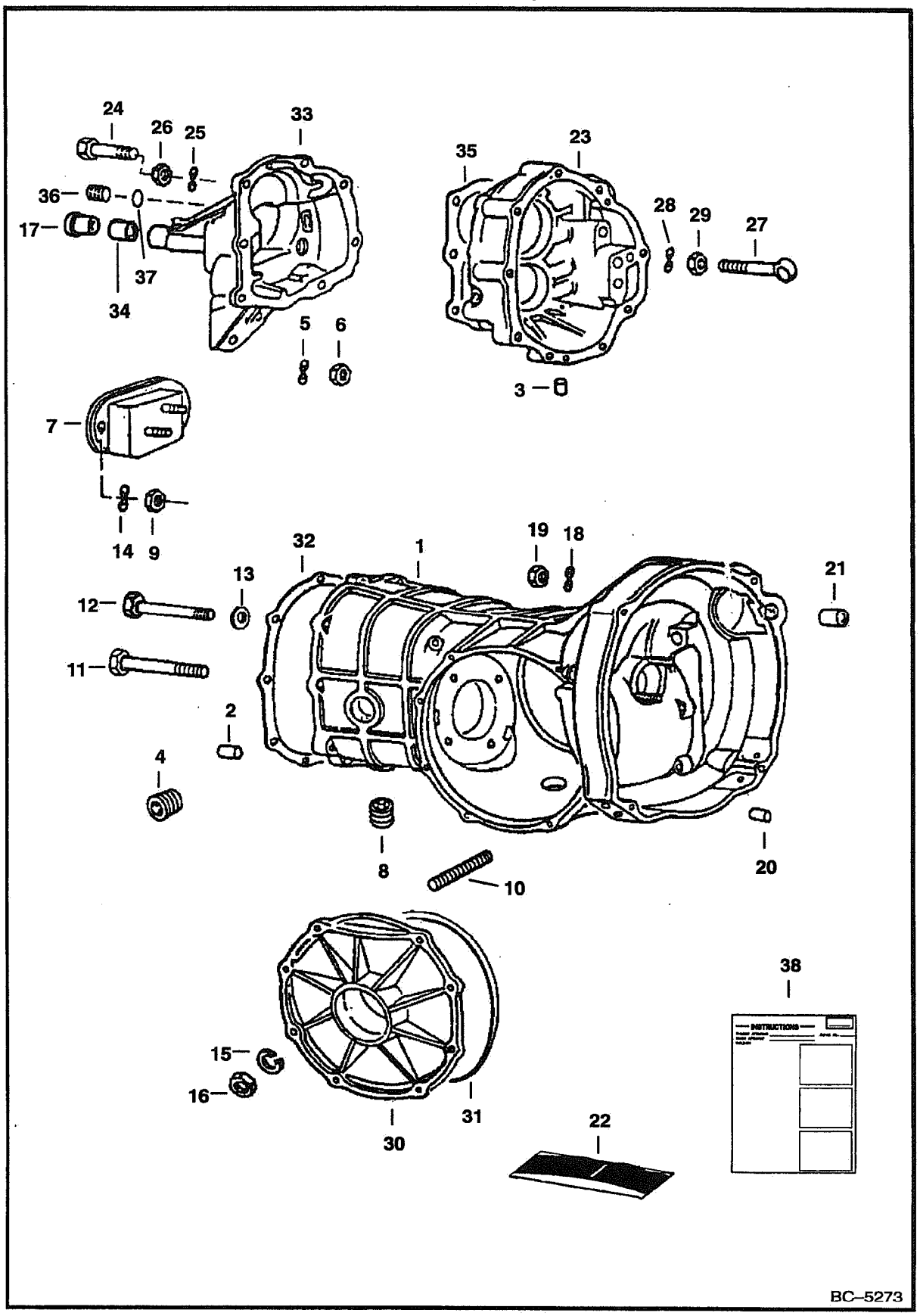
Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6625259	AIR CLEANER	Assy. – W/Ref. 6–13		1
2	NAP	HOSE	23.75" (603,25mm) Long – Order Ref.18		x
3	6625255	HOSE	Air Cleaner		1
4	42H–52	HOSE CLAMP			2
5	6625256	CAP	Rain		1
6	NSS	TANK	Order Ref. 1 – Was 6625260 [A]		1
7	889097	CLAMP			1
8	6646494	ELEMENT			1
9	888527	WASHER	Retaining		1
10	3291290	NUT	Wing		1
11	892101	BAFFLE			1
12	3493788	CUP			1
13	946860	VALVE	Vacuator		1
14	335902	BANDS	Mounting		2
15	17C–508	BOLT			4
16	1735188	GAUGE	Air Cleaner Indicator – Was6515007 [A]		1
17	44H–12	HOSE CLAMP	Was 42H–12 [A]		1
18	6626125	HOSE – 3/4" ID	Bulk – Sold Per Foot – Was 214222 [A]		x



MUFFLER, PIPE EXHAUST
(POWER UNIT)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6646371	MUFFLER	Spark Arresting – See Page L22 Ref. 68		1
2	657904	CLAMP	Full Circle – Includes U–Bolt and Hex Nuts		1
3	6630378	PIPE	Exhaust		1
4	6630323	GASKET	Manifold		1
5	6658423	STUD	Exhaust		4
6		MANIFOLD	Exhaust – See Page M6, Ref. 32		1
7	6617810	SHIELD			1
8	6617809	SHIELD			1
9	6617811	SHIELD			1
10	710706	CLAMP	Includes U–Bolt and Hex Nuts		1
11	6625358	SUPPORT	Exhaust		1
12	85D–4	NUT			3
13	25E–14	WASHER			4
14	17C–408	BOLT			3
15	6630662	NUT			4

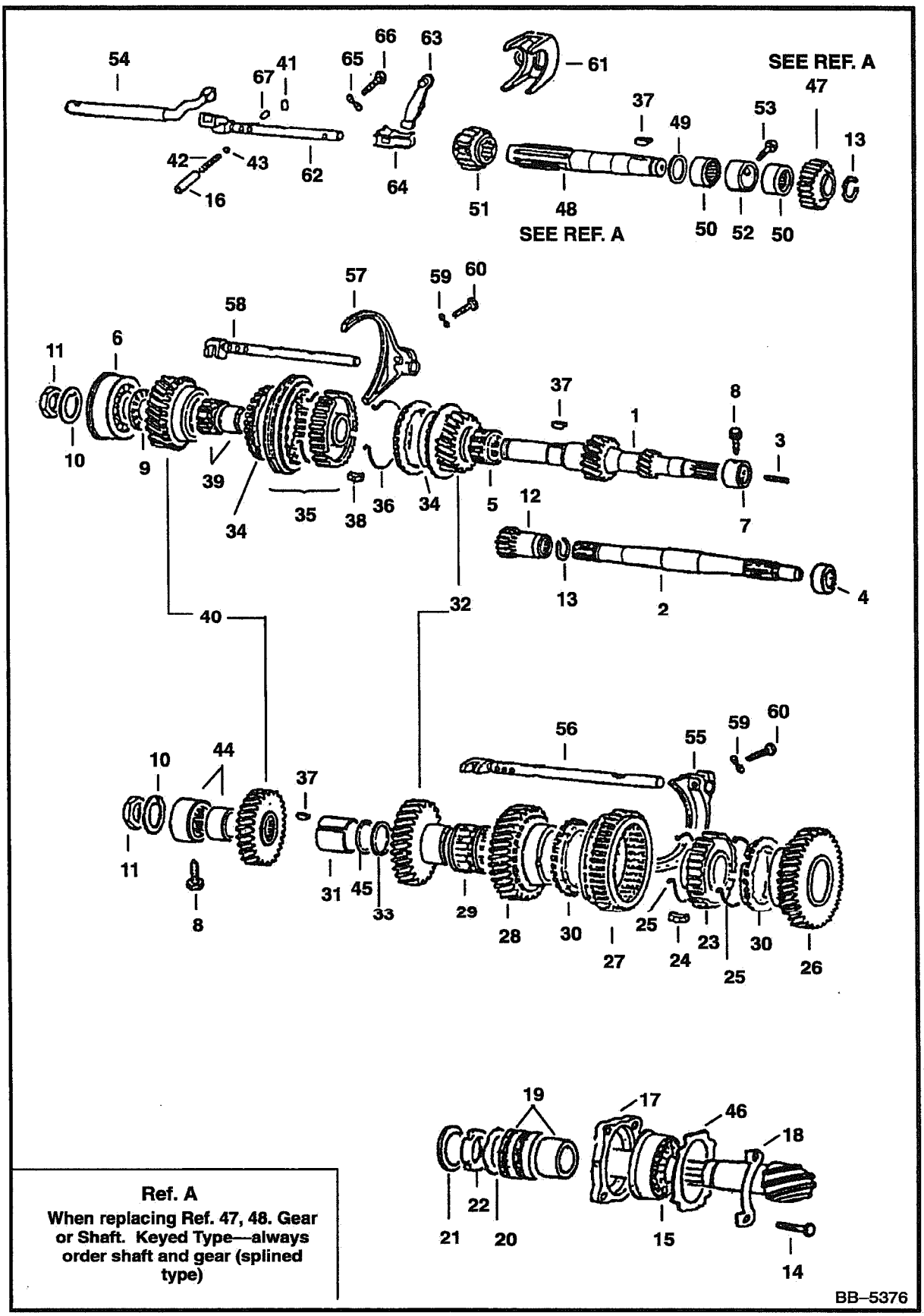
TRANSMISSION CASE
(POWER UNIT)



TRANSMISSION CASE (Cont'd)
(POWER UNIT)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6654911	CASE	Transmission		1
2	6654912	PIN	Guiding		x
3	6654913	PIN	Locking		x
4	6654914	PLUG	Oil Supply		x
5	6654933	WASHER			x
6	6654934	NUT			x
7	6630312	MOUNT	Rear		1
8	6654918	PLUG	Magnetic		1
9	32DM-100	NUT			2
10	6654920	STUD			x
11	6654921	BOLT			x
12	6654922	BOLT			x
13	6654923	WASHER			x
14	9EM-100	WASHER			2
15	6657835	WASHER	Was 6654925 [A]		x
16	6616795	NUT			x
17	6651293	SEAL	Cover		1
18	6654927	WASHER			x
19	6654928	NUT			x
20	6630670	SLEEVE	Centering		x
21	6651271	BUSHING			x
22	6723009	GASKET KIT	Case – W/Ref. 28, 31, 32 & 35 Page N20, W/Ref. 4, 10, 13, 18 Page N22, Ref. NO TAG, Page NO TAG		
23	6651294	INTERMEDIATE	Was 6647805 [A]		1 1
24	6654930	BOLT			x
25	6654931	WASHER			x
26	6654932	NUT			x
27	6647801	BOLT	Reverse Gear Support		x
28	6654933	WASHER			x
29	6654934	NUT			x
30	6654935	COVER	Differential		1
31	6651291	O-RING	Differential Cover		2
32	6651292	GASKET	Intermediate Bearing		1
33	6651287	COVER	Transmission – W/Ref. 17 & 34		1
34	6651288	BUSHING	Cover		2
35	6651290	GASKET	Cover		1
36	6660000	PLUG			1
37	6660001	GASKET			1
38	6629517	MANUAL	Service		1

GEARS, BEARINGS & SHAFTS
(POWER UNIT)



Ref. A

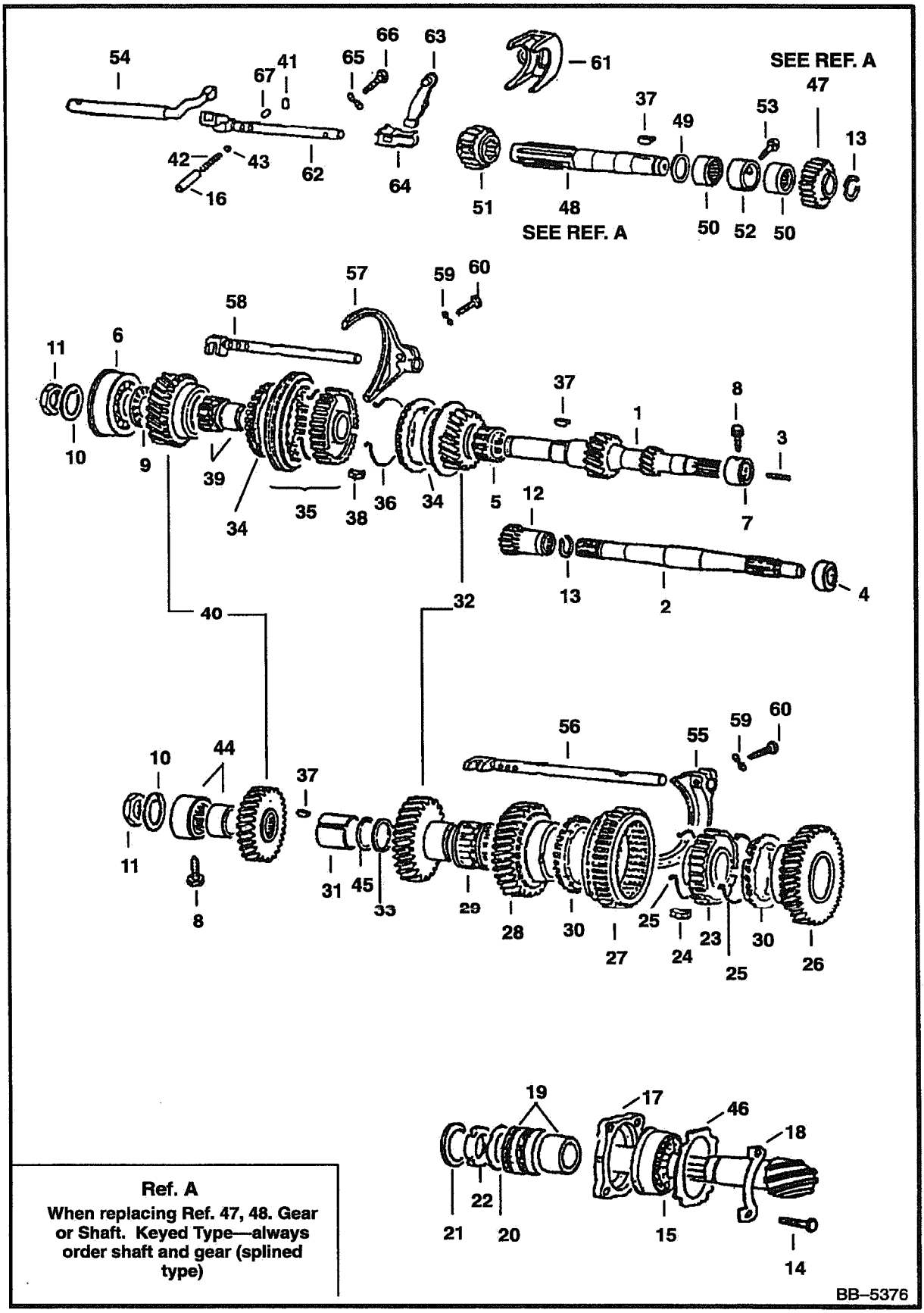
When replacing Ref. 47, 48. Gear or Shaft. Keyed Type—always order shaft and gear (splined type)

BB–5376

GEARS, BEARINGS & SHAFTS (Cont'd)
(POWER UNIT)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6654937	SHAFT	Front Input		1
2	6654938	SHAFT	Rear Input		1
3	6653377	SHAFT	Joining Stud		1
4	6654939	SEAL	Input Shaft		1
5	6651296	BEARING	Needle – 3rd Gear		1
6	6651297	BEARING	Roller – Front Input Shaft		1
7	6657714	BEARING	Needle – Front Input Shaft		1
8	6651298	BOLT			2
9	6654940	WASHER	Thrust – 4th Gear		1
10	6654941	WASHER	Locking		2
11	6654942	NUT			2
12	6654943	GEAR	Reverse Coupling Sleeve		1
13	6654944	RING	Locking		x
14	6654945	SCREW			1
15	6651299	BEARING	Roller – Pinion Shaft		1
16	6654997	BUSHING			3
17	6654947	RETAINER	Bearing Flange		1
18	6654948	PLATE	Locking – Pinion Shaft		2
19	6651300	BEARING	Needle – Winner Race–1st Gear		1
20	6654949	WASHER	Thrust – 1st Gear Needle Bearing		1
21	6654950	SHIM	0.45		1
	6654951	SHIM	0.50		1
	6654952	SHIM	0.55		1
	6654953	SHIM	0.60		1
	6654954	SHIM	0.65		1
	6654955	SHIM	0.70		1
	6654956	SHIM	0.80		1
	6654958	SHIM	0.75		1
	6654959	SHIM	0.85		1
22	6654957	NUT	Anchoring – 1st Gear Needle Bearing		1
23	6654960	GEAR	1st and 2nd		1
24	6651301	DETEND	Locking – 1st & 2nd Gear Synch.		3
25	6654961	RING	Locking – 1st & 2nd Gear Synch.		1
26	6647806	GEAR SET	1st Gear		1
27	6647802	SLEEVE	1st and 2nd Gear		1
28	6647798	GEAR SET	2nd Gear		1
29	6651302	BEARING	Needle – 2nd Gear		1
30	6647799	RING	Synchronizer – 1st and 2nd Gear		x
31	6654962	SPACER	Gear – 3rd and 4th Gear		1
32	6647795	GEAR SET	3rd Gear		x
33	6654963	WASHER	Thrust – Btwn. 3rd & 4th Gear		1
34	6647792	RING	Synchronizer – 3rd and 4th Gear		1
35	6647797	SLIDE GEAR	3rd and 4th		1
36	6651303	RING	Lock – 3rd & 4th Gear Synch.		1
37	6654964	KEY	Synchronizer		2
38	6653379	DETENT	Locking – 3rd & 4th Gear Synch.		3
39	6654965	BEARING	Needle – Winner Race–4th Gear		1
40	6647796	GEAR SET	4th Gear		1
41	6655000	PIN	Locking – Selector Shaft		2
42	6654998	SPRING			3

GEARS, BEARINGS & SHAFTS (Cont'd)
(POWER UNIT)



Ref. A

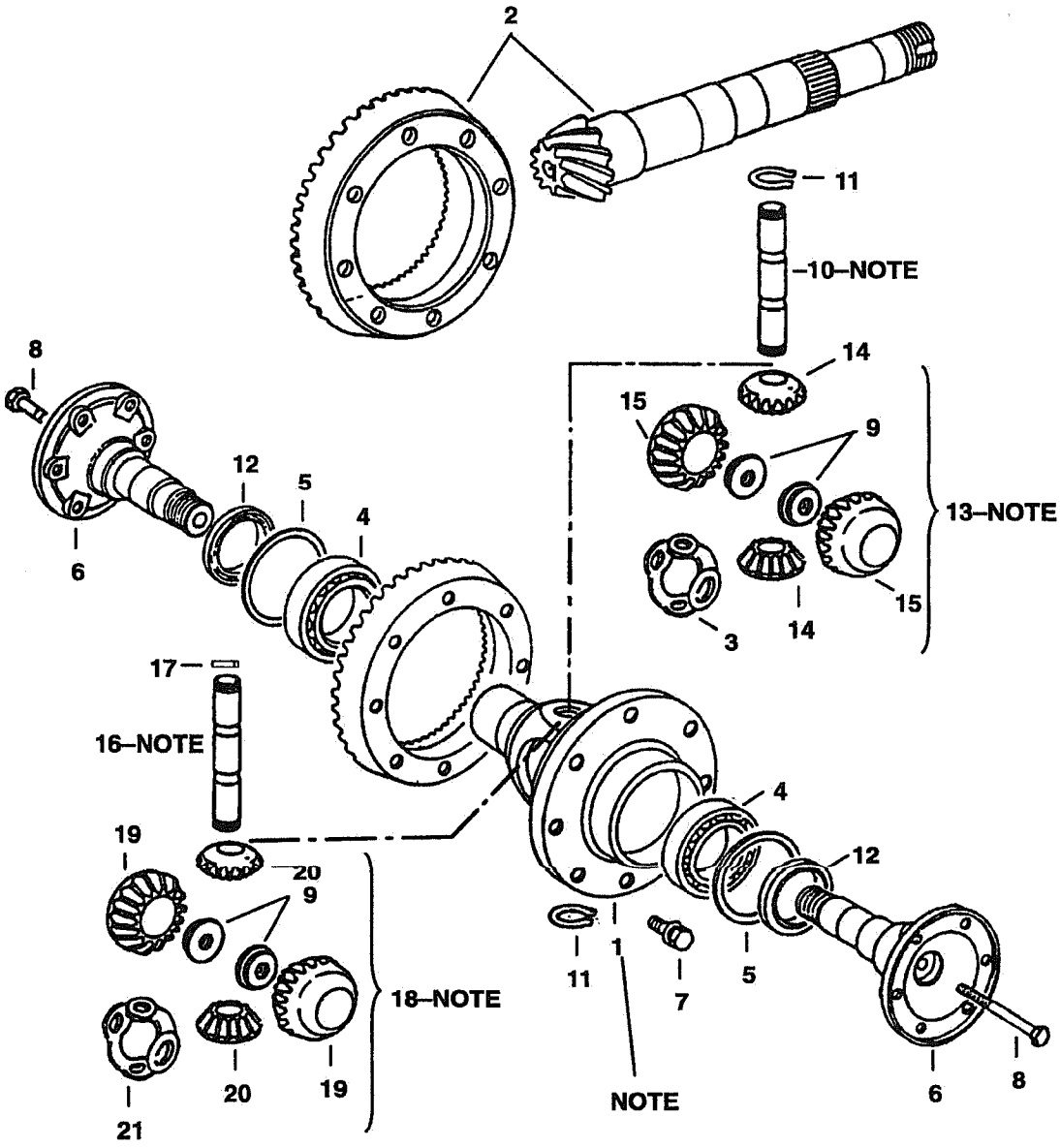
When replacing Ref. 47, 48. Gear or Shaft. Keyed Type—always order shaft and gear (splined type)

BB–5376

GEARS, BEARINGS & SHAFTS (Cont'd)
(POWER UNIT)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
43	6654999	BALL	Selector Shaft Locking Device		3
44	6651304	BEARING	Needle – WInner Race – Pinion Shaft		1
45	6654966	SHIM	0.15		1
	6654967	SHIM	0.20		1
	6654968	SHIM	0.25		1
	6654969	SHIM	0.30		1
	6654970	SHIM	0.40		1
	6654971	SHIM	0.60		1
	6654972	SHIM	0.80		1
	6654973	SHIM	1.00		1
	6654974	SHIM	1.20		1
46	6654975	SHIM	0.15		1
	6654976	SHIM	0.20		1
	6654977	SHIM	0.30		1
	6654978	SHIM	0.40		1
	6654979	SHIM	0.50		1
	6654980	SHIM	0.60		1
	6654981	SHIM	0.70		1
	6654982	SHIM	0.80		1
	6654983	SHIM	0.90		1
	6654984	SHIM	1.00		1
	6654985	SHIM	1.20		1
47	NAP	GEAR	Intermediate – Reverse – Key type – See Ref. A – Was 6654986 [A]		1
	6661828	GEAR	Intermediate – Reverse – splined		1
48	NAP	SHAFT	Reverse Gear – Key Type – See Ref. A – Was 6654987 [A]		1
	6661829	SHAFT	Reverse Gear – Splined		1
49	6654988	WASHER	Thrust – Reverse		1
50	6654989	BEARING	Needle – Intmd. Rev. Gear		1
51	6647793	GEAR	Reverse Idler		1
52	6654990	SPACER	Needle Bearing		1
53	6651298	BOLT	Spacer Adjusting		1
54	6651259	LEVER	Fork Selector		1
55	6647803	FORK	1st and 2nd Gear		1
56	6654991	SHAFT	Selector – 1st and 2nd Gear		1
57	6647791	FORK	3rd and 4th Gear		1
58	6654992	SHAFT	Selector – 3rd and 4th Gear		1
59	6654923	WASHER			x
60	6653378	BOLT	Fork		x
61	6647794	FORK	Reverse		1
62	6654993	SHAFT	Selector – Reverse		1
63	6647800	LEVER	Reverse Fork		1
64	6654994	GUIDE	Lever – Reverse Fork		1
65	6654931	WASHER			1
66	6654995	BOLT			x
67	6654996	PLUG			3

PINION GEARSET
(POWER UNIT)



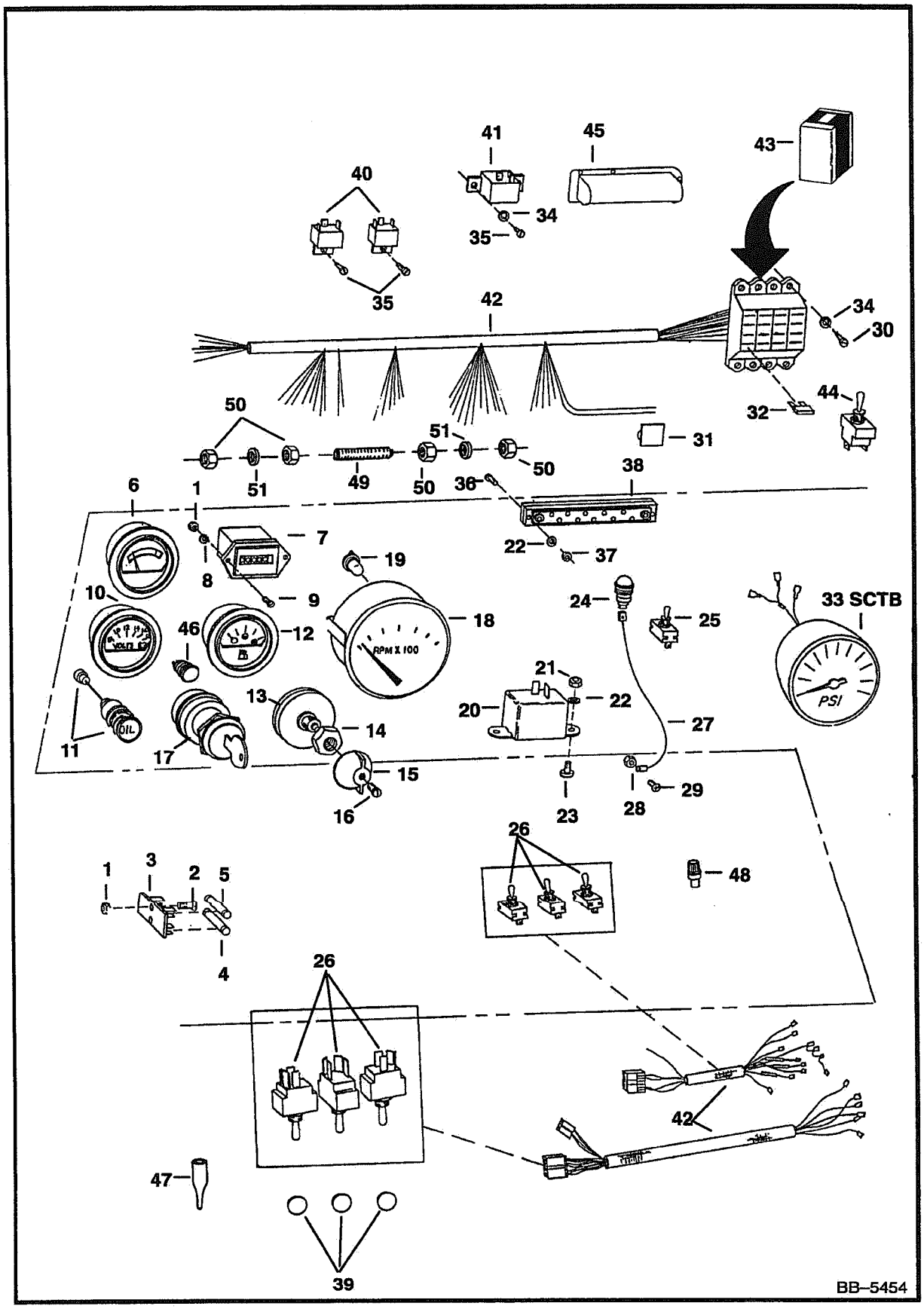
NOTE: Shaft Ref. 10 – is used only with Ref. 11, Ring Locking and Ref. 13 Gear Set.
Shaft Ref. 16 – is used only with Ref. 17, Roll Pin – Ref. 18 Gear Set.

BB–5256

PINION GEARSET (Cont'd)
(POWER UNIT)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6655001	CASE	Differential – Note – Use only with Shaft Ref. 10 – Using Ring Locking Ref. 11, and Ref. 13		1
	6671895	CASE	Differential – Note – Use only with Shaft Ref. 16 – Using Roll Pin Ref. 17, and also Ref. 18		1
2	6655002	CROWN	Wheel and Pinion		1
3	6653373	CAGE	Thrust		1
4	6653374	BEARING	Taper		x
5	6655008	SHIM	0.15		1
	6655009	SHIM	0.20		1
	6655010	SHIM	0.30		1
	6655011	SHIM	0.40		1
	6655012	SHIM	0.50		1
	6655013	SHIM	0.60		1
	6655014	SHIM	0.70		1
	6655015	SHIM	0.80		1
	6655016	SHIM	0.90		1
	6655017	SHIM	1.00		1
	6655018	SHIM	1.20		1
6	6655003	SHAFT	Differential		1
7	6655004	BOLT	Hex – W/Adjusting Flange for Crown Wheel		x
8	6655005	BOLT			x
9	6655006	NUT	Adjusting – Differential Shaft in Planetary Gear		x
10	6653375	SHAFT	Sun Gear		1
11	6655007	RING	Locking		2
12	6647804	SEAL	Side Cover		x
13	6653376	GEAR SET	Planetary – W/Ref. 3, 9, 14, 15		1
14	NSS	GEAR	Order Ref. 13		2
15	NSS	GEAR	Order Ref. 13		2
16	6671897	SHAFT	Sun Gear		1
17	6671898	ROLL PIN			2
18	6671899	GEAR SET	Planetary – W/Ref. 9, 19, 20, 21		1
19	NSS	GEAR	Order Ref. 18		2
20	NSS	GEAR	Order Ref. 18		2
21	6671896	CAGE			1

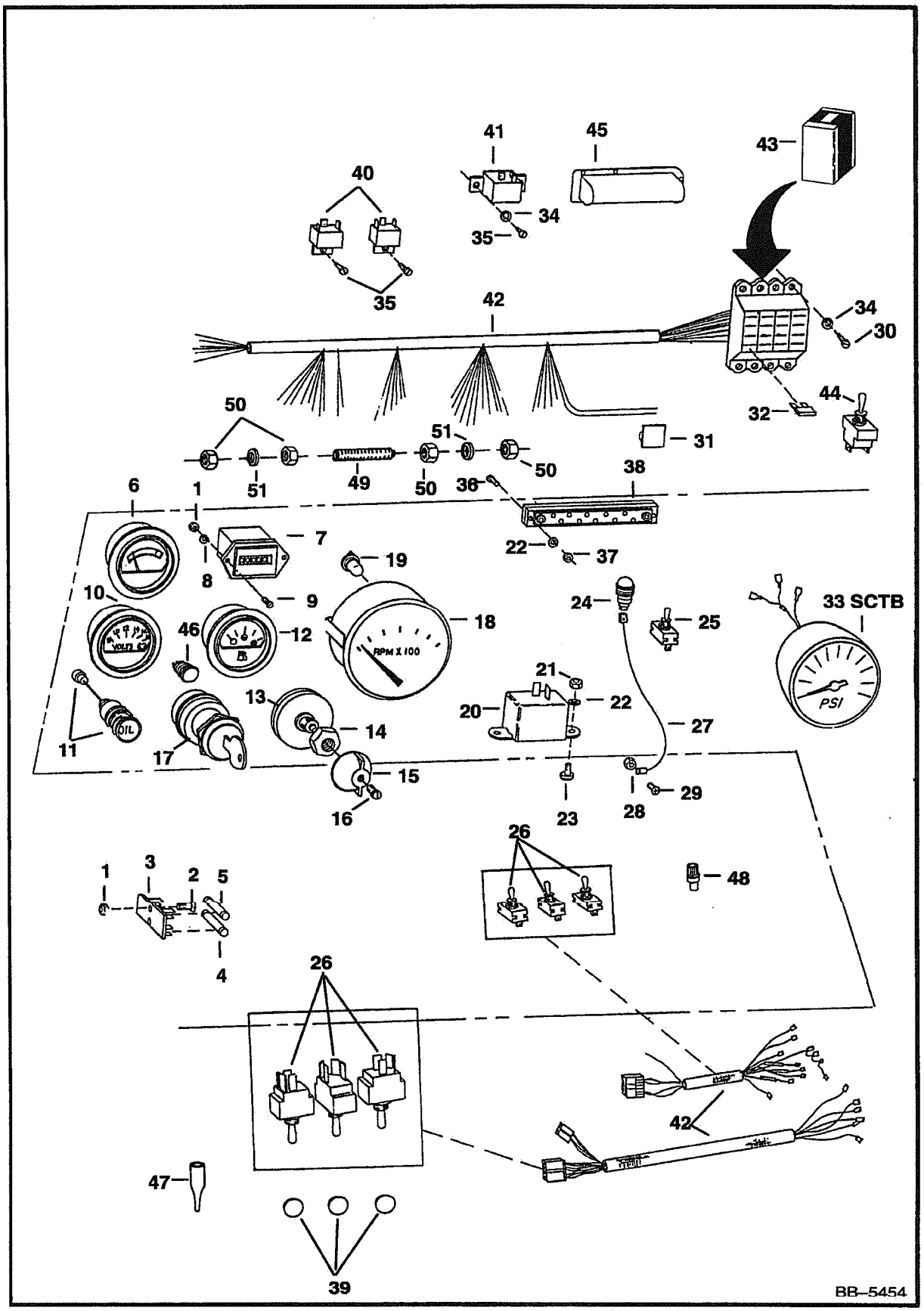
GAUGES, SWITCHES & HARNESS (ELECTRICAL)



GAUGES, SWITCHES & HARNESS (Cont'd)
(ELECTRICAL)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	12D–6	NUT			4
2	75G–606	SCREW			2
3	6620451	BLOCK	Fuse	5555 & Below	1
4	611074	FUSE	20 Amp		1
5	608869	FUSE	30 Amp		1
6	6631649	GAUGE	Engine Temperature	208912559 & Bel.,	
	6658364	GAUGE	Engine Temperature	209011372 & Bel. 208912560 Thru 208912818,	1
				209011095 & Bel., 209011373 Thru 20901436	1
	6658871	GAUGE	Engine Temperature	208912819 & Abv. 209211096 & Abv. 209011437 & Abv.	1
7	6664886	HOURMETER	Was 6631657 [A]		1
8	12E–6	WASHER			2
9	85G–608	BOLT			2
10	6658819	VOLTMETER	Was 6631651 [A]		1
11	6515526	LIGHT	Oil – W/Bulb # GE 1895 Red		1
12	6658820	GAUGE	Fuel – Was 6631650		1
13	6620442	SWITCH	Light – W/Ref. 14–16		1
14	8D–8	NUT			1
15	6620443	KNOB	Light Switch		1
16	41G–808	SCREW			1
17	6635911	SWITCH	Ignition – W/Keys		1
	6662983	KEY–SET	Ignition, Switch – Will Fit on 1990 and above Switch		1
18	6623835	TACHOMETER	W/Ref. 19		1
19	6598366	BULB & SOCKET	assembly – Tachometer		1
20	6620441	FLASHER			1
21	14D–10	NUT			2
22	17E–10	WASHER			4
23	86G–1008	SCREW			2
24	6515427	LIGHT	Pump Indicator – W/Bulb		1
	NAP	BULB	# SAEJ573G, Trade #1815 –		
25	6515521	SWITCH	Was 6515183 Toggle–Pump Activator	220–230, 6538 &Above	1 1
			Toggle–Boom Spray	220–6537 & Bel.	3
26	6647887	SWITCH	Toggle–Boom Spray Control	208911001 & Abv.	3
27	1323157	WIRE	Ground		1
28	14D–6	NUT			1
29	86G–606	SCREW			1
30	58G–2520	SCREW			4
31	6511249	CLAMP	Wiring		2

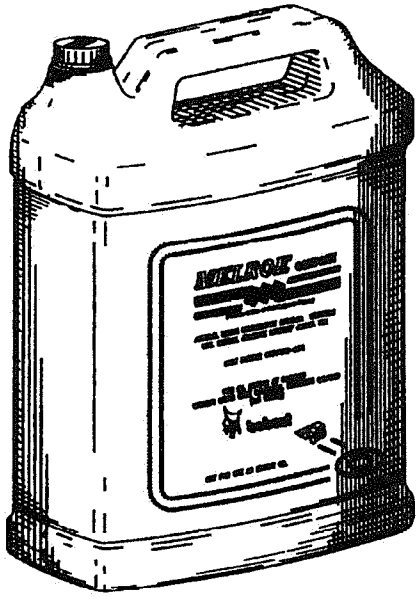
GAUGES, SWITCHES & HARNESS (Cont'd)
(ELECTRICAL)



GAUGES, SWITCHES & HARNESS (Cont'd)
(ELECTRICAL)

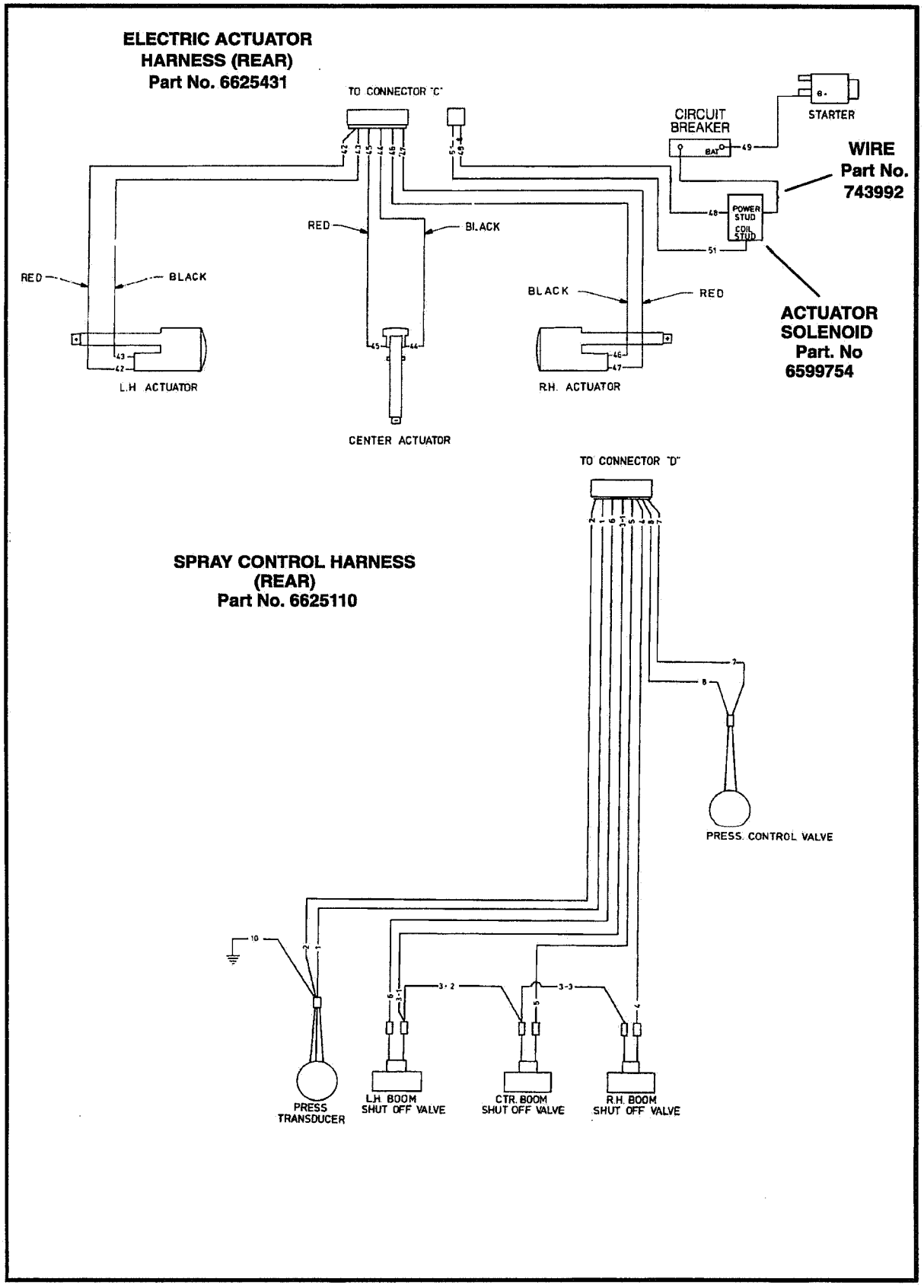
Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
32	6625597	FUSE	Blade – Light Green 30 Amp.		x
	6702444	FUSE	Blade – White 25 Amp.– Was 6654807		x
	6654806	FUSE	Blade – Light Blue 15 Amp.		x
	6654805	FUSE	Blade – Red 10 Amp.		x
	6654803	FUSE	Blade – Tan 5 Amp.		x
33	NAP	GAUGE	Pressure – See SCTB–SC-005 –Was 6630512		1
34	25E–13	WASHER			6
35	58G–2512	SCREW			4
36	75G–1008	BOLT			2
37	12D–10	NUT			2
38	2002832	JUNCTION BLOCK	Ground	208913954 & Bel.	1
39	1300057	PLUG	Button		x
40	6723014	RELAY	40 amp. Cont. Duty – Was 6632180 [A]	220–5556–6537 & 208911001 & Abv.	2
41	6632179	RELAY	75 amp. Cont. Duty	220–5556–6537 & 208911001 & Abv.	1
42		HARNESS	Wiring – See Page P2–Q6		
43*	6802325	BLOCK	Fuse Kit W/Terminals, Was 6655807 [C] – Less Wire Harness – W/Ref. 42		x
44	6599331	SWITCH	Toggle – Pressure Adjust		
		SWITCH	Toggle – Boom Control Models W/Electric Booms		3
		SWITCH	Toggle – Tip Lift Models W/Electric Booms		2
	6655044	SWITCH	Toggle – Model W/Hydraulic, Boom Fold, Lift, Tip		3
45	6617997	SHIELD	Fuse Block		1
46	6513640	BUTTON	Plug		1
47	6653332	HANDLE	Extension Toggle Switch		x
48	6513469	FUSE HOLDER	15 Amp.	220–5555 & Bel.	1
49	6539697	ROD	Ground	208913955 & Abv.	1
50	1DM–10	NUT			4
51	10EM–100	WASHER			4

Melroe Hydraulic/Hydrostatic Fluid
is blended to our specifications
to meet or exceed requirements of our components.



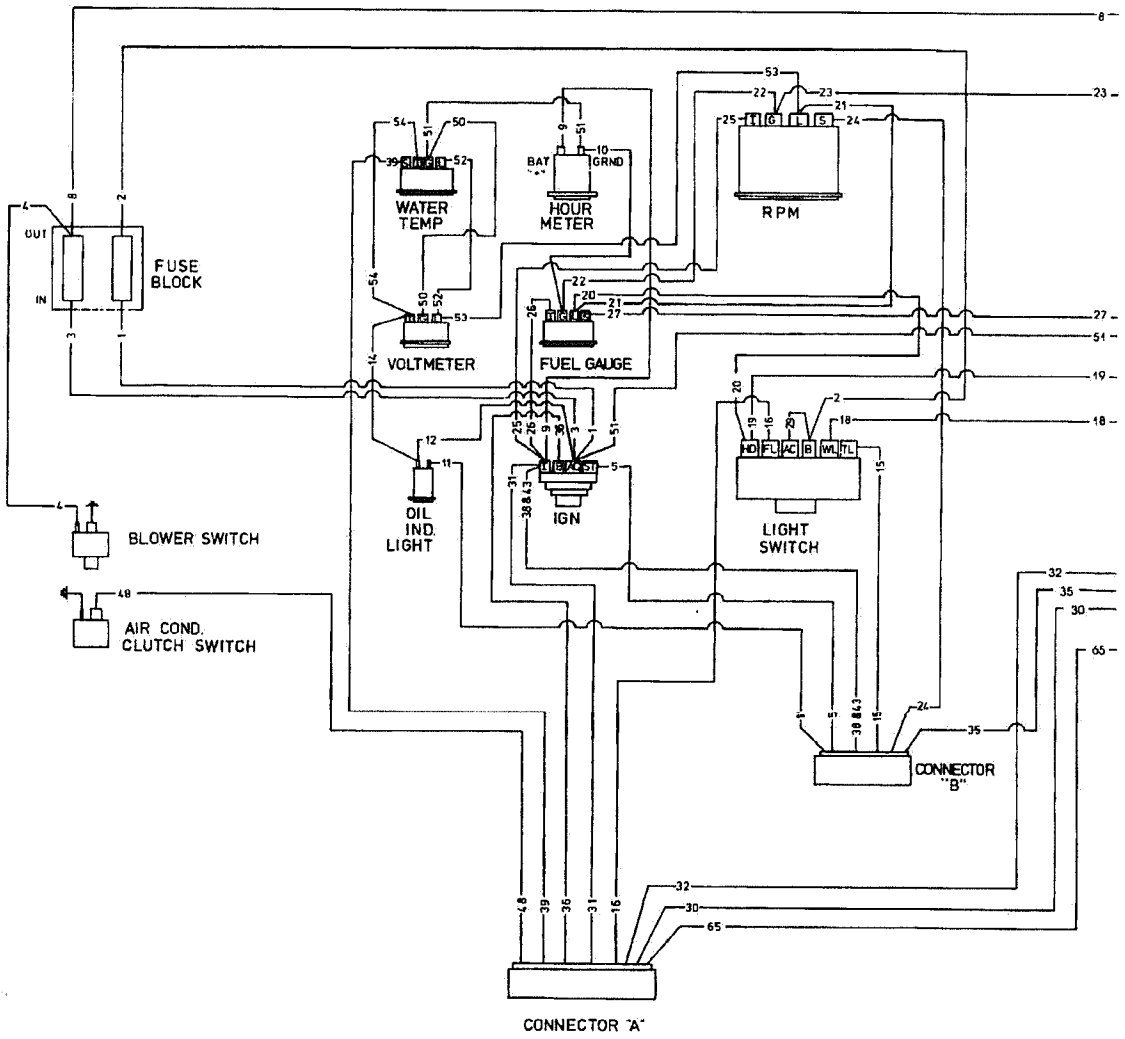
Available from Melroe Parts.

ELECTRICAL DIAGRAM – MODEL 220 Spra-Coupes – S/N 5555 & Below
(ELECTRICAL)
Pages O8, O9, O10, O11, O12

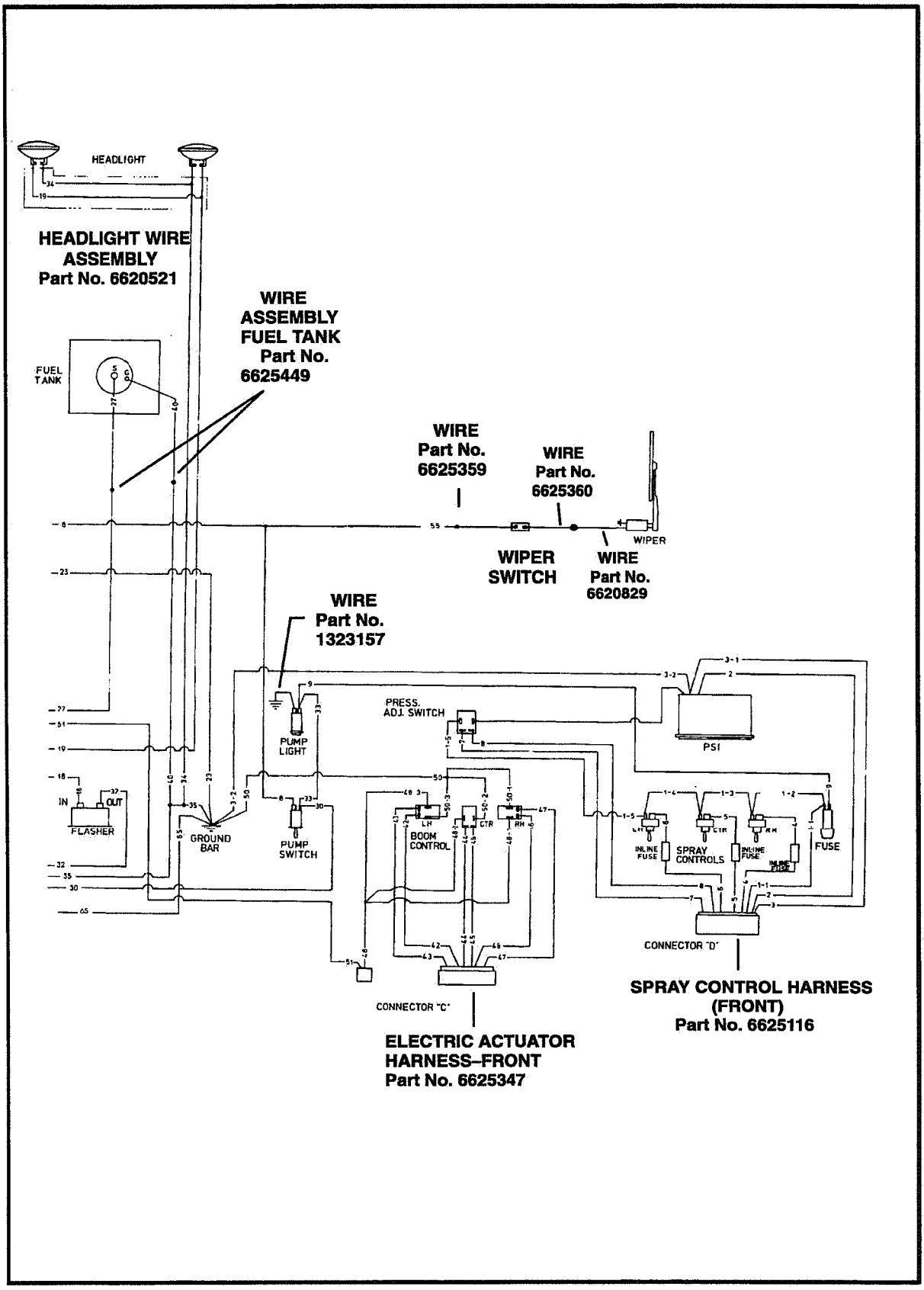


ELECTRICAL DIAGRAM – MODEL 220 Spra-Coupes – S/N 5555 & Below (Cont'd)
(ELECTRICAL)
Pages O8, O9, O10, O11, O12

INSTRUMENT PANEL HARNESS
Part No. 6625346

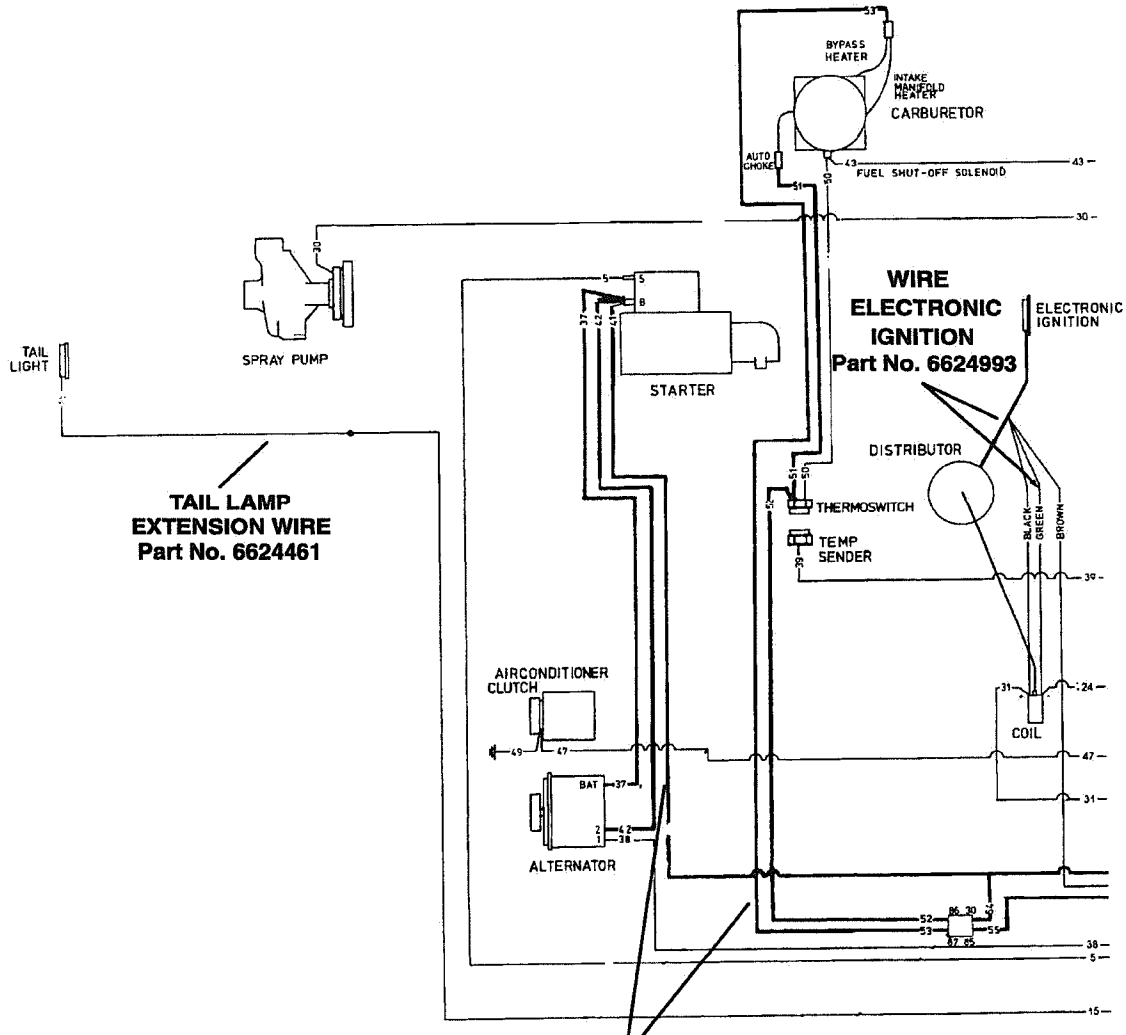


ELECTRICAL DIAGRAM – MODEL 220 Spra-Coupes – S/N 5555 & Below (Cont'd)
(ELECTRICAL)
Pages O8, O9, O10, O11, O12

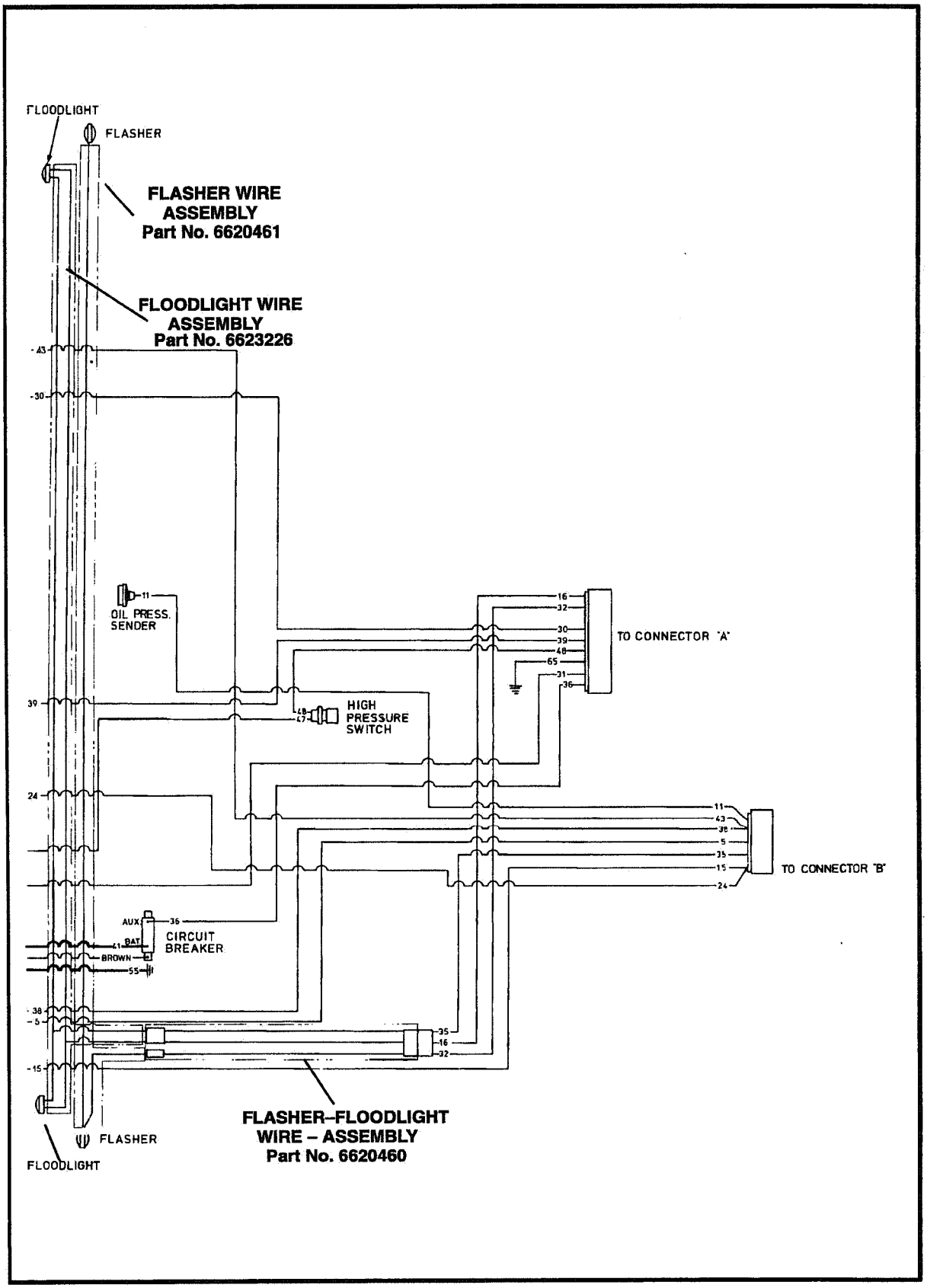


ELECTRICAL DIAGRAM – MODEL 220 Spra-Coupes – S/N 5555 & Below (Cont'd)
(ELECTRICAL)
Pages O8, O9, O10, O11, O12

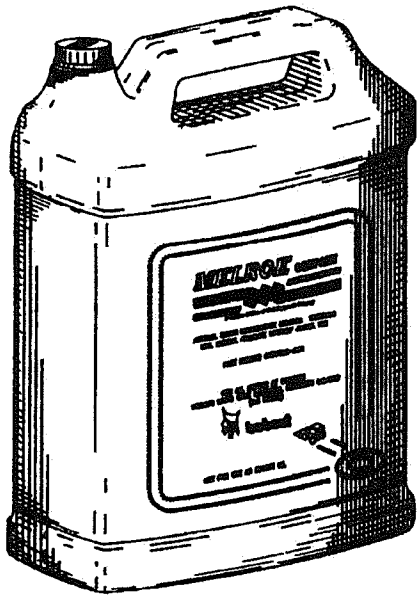
ENGINE HARNESS
Part No. 6625295



ELECTRICAL DIAGRAM – MODEL 220 Spra-Coupes – S/N 5555 & Below (Cont'd)
(ELECTRICAL)
Pages O8, O9, O10, O11, O12

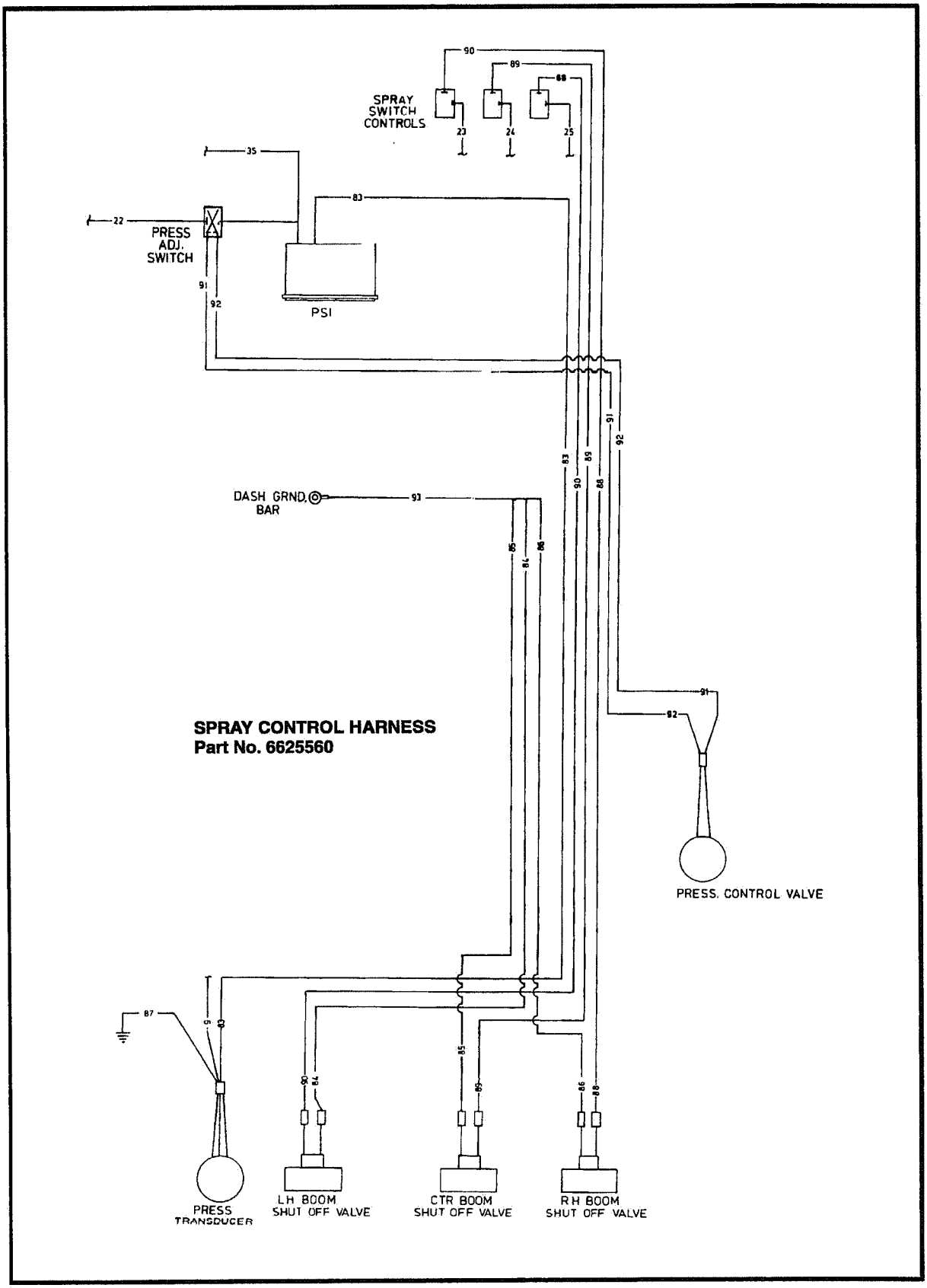


Melroe Hydraulic/Hydrostatic Fluid
is blended to our specifications
to meet or exceed requirements of our components.



Available from Melroe Parts.

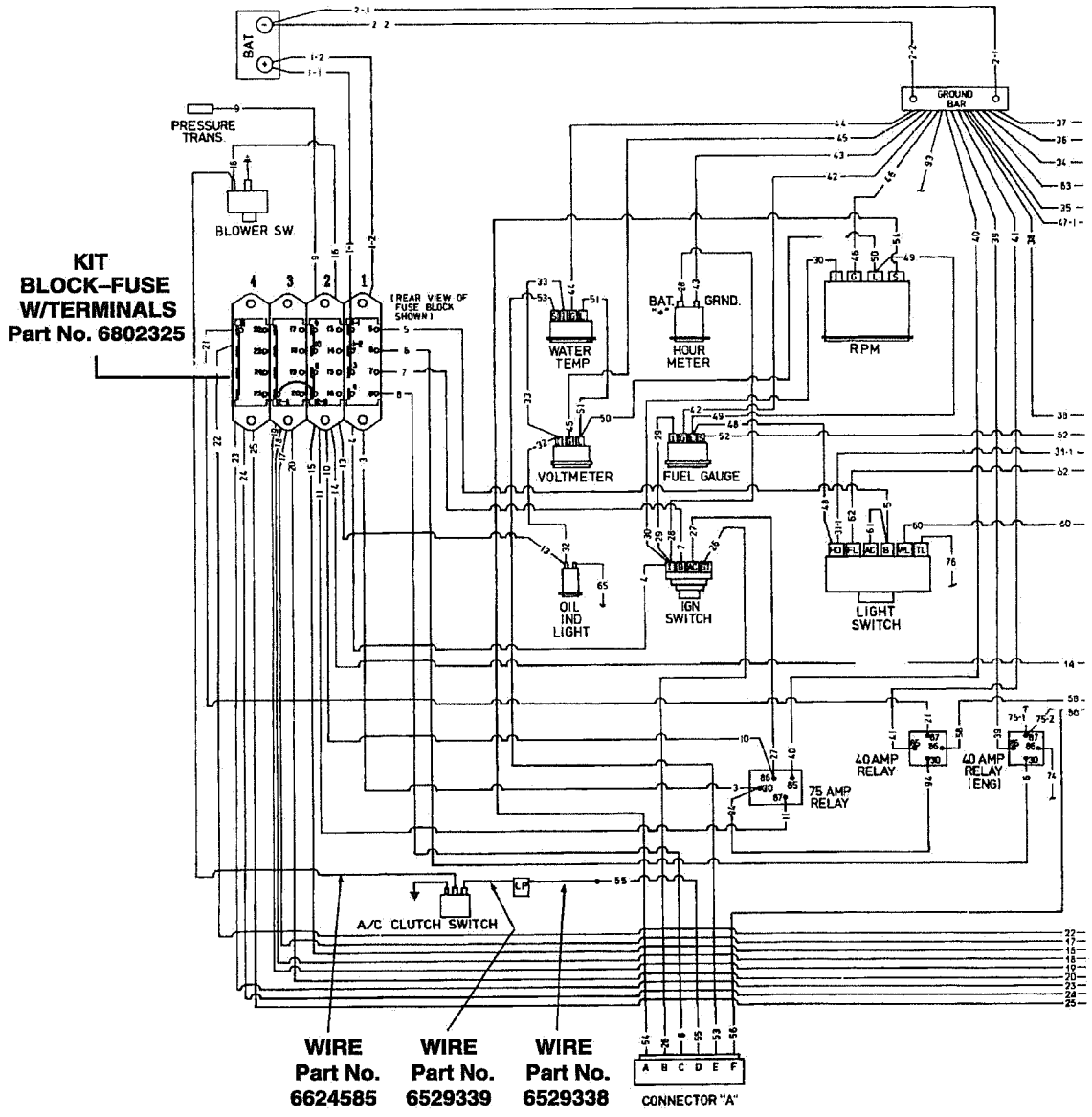
ELECTRICAL DIAGRAM – MODEL 220 Spra-Coupes – S/N 5556-6537
(ELECTRICAL)
Pages O14, O15, O16, O17, O18



ELECTRICAL DIAGRAM – MODEL 220 Spra-Coupes – S/N 5556-6537 (Cont'd)
(ELECTRICAL)
Pages O14, O15, O16, O17, O18

INSTRUMENT PANEL HARNESS
Part No. 6625563

KIT BLOCK–FUSE W/TERMINALS
Part No. 6802325

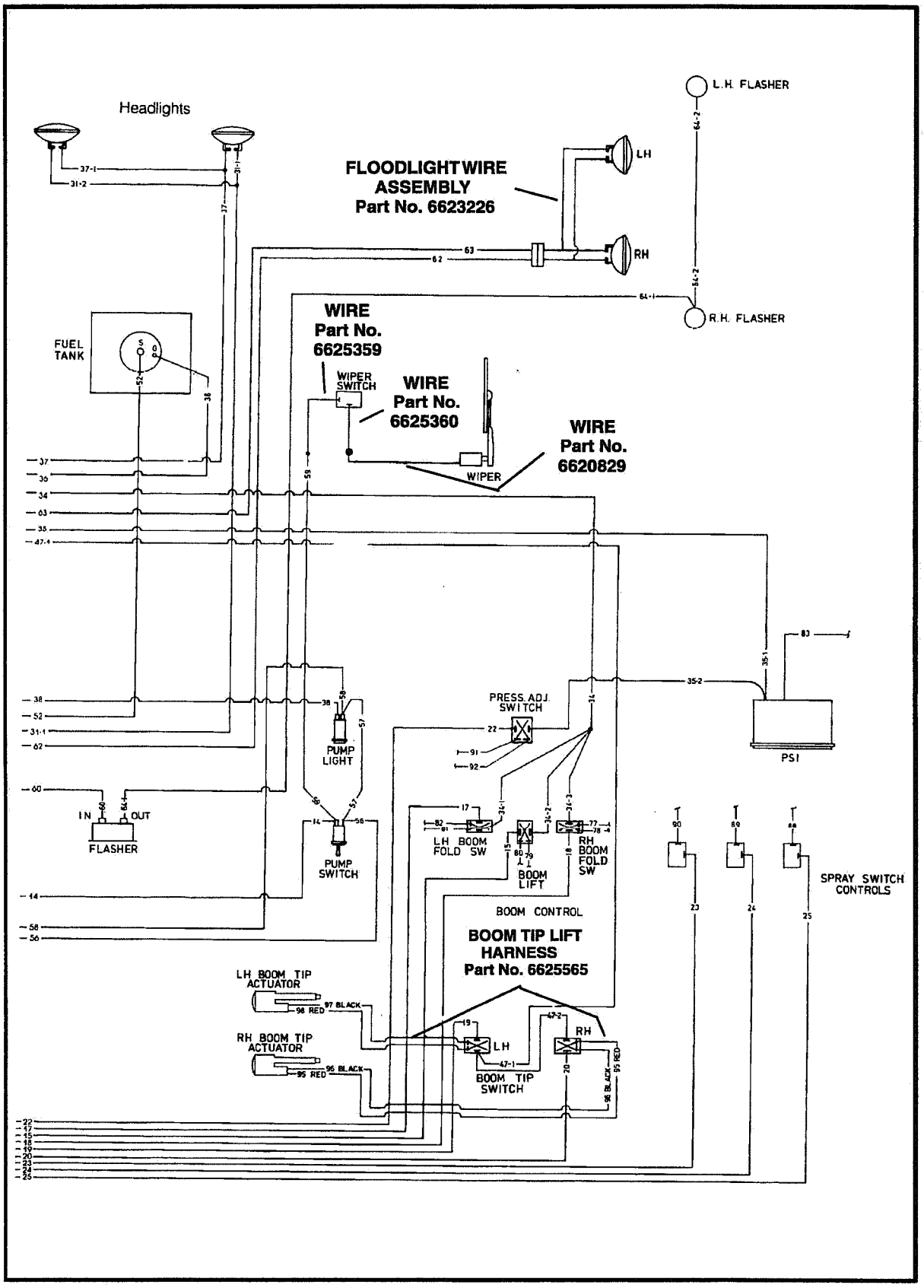


WIRE Part No. 6624585

WIRE Part No. 6529339

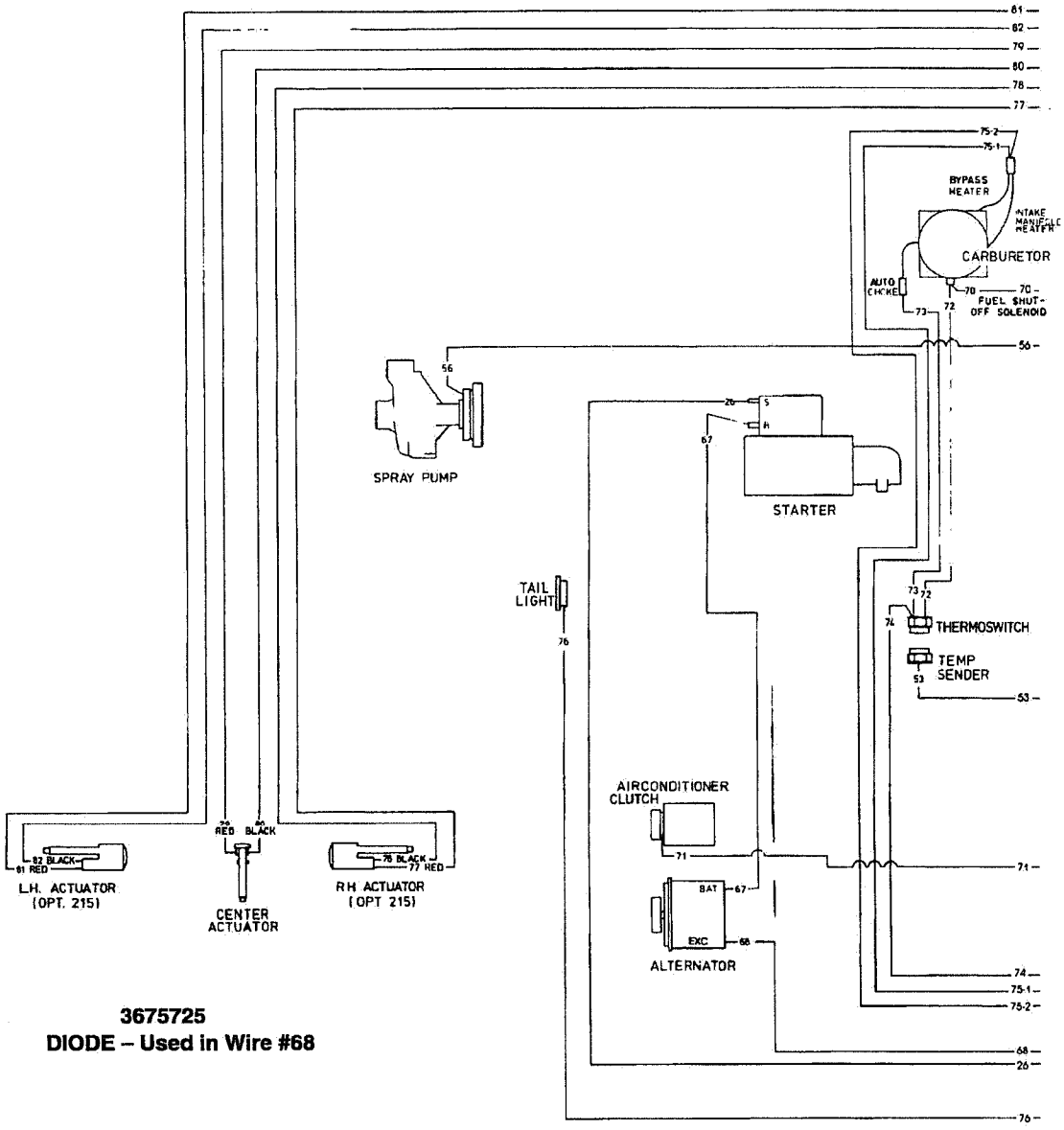
WIRE Part No. 6529338

ELECTRICAL DIAGRAM – MODEL 220 Spra-Coupes – S/N 5556-6537 (Cont'd)
(ELECTRICAL)
Pages O14, O15, O16, O17, O18



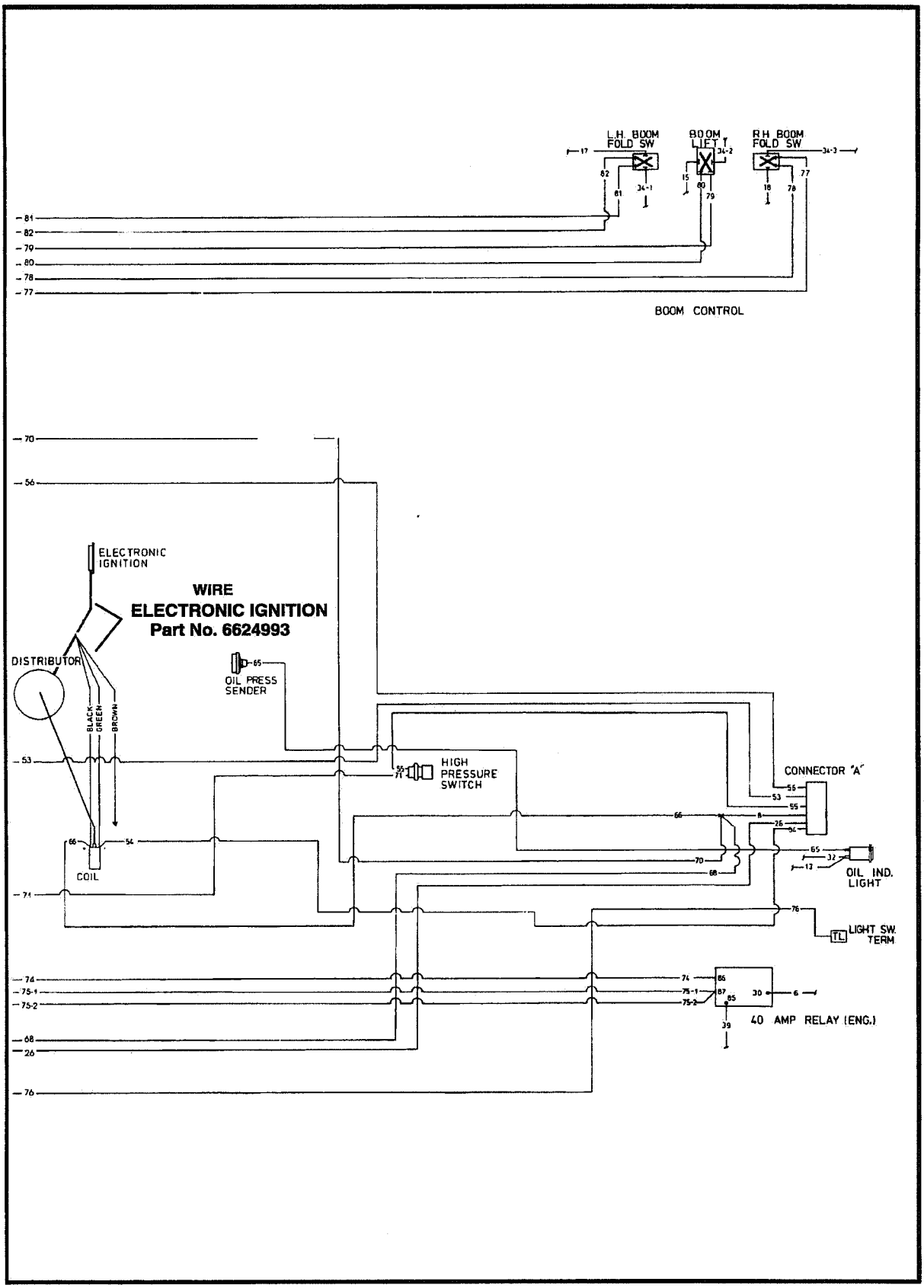
ELECTRICAL DIAGRAM – MODEL 220 Spra-Coupes – S/N 5556-6537 (Cont'd)
(ELECTRICAL)
Pages O14, O15, O16, O17, O18

ENGINE HARNESS
Part No. 6625622 (Was 6625554)

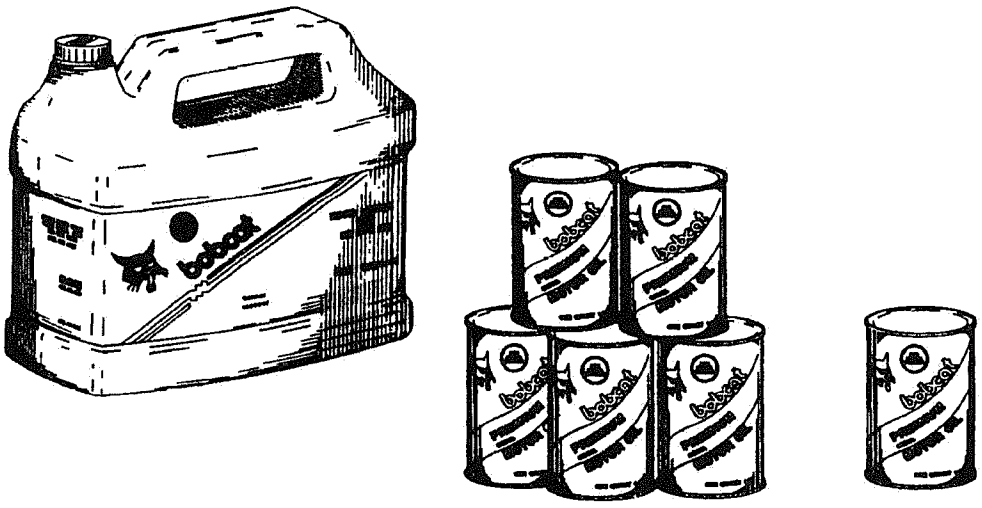


3675725
DIODE – Used in Wire #68

ELECTRICAL DIAGRAM – MODEL 220 Spra-Coupes – S/N 5556-6537 (Cont'd)
(ELECTRICAL)
Pages O14, O15, O16, O17, O18

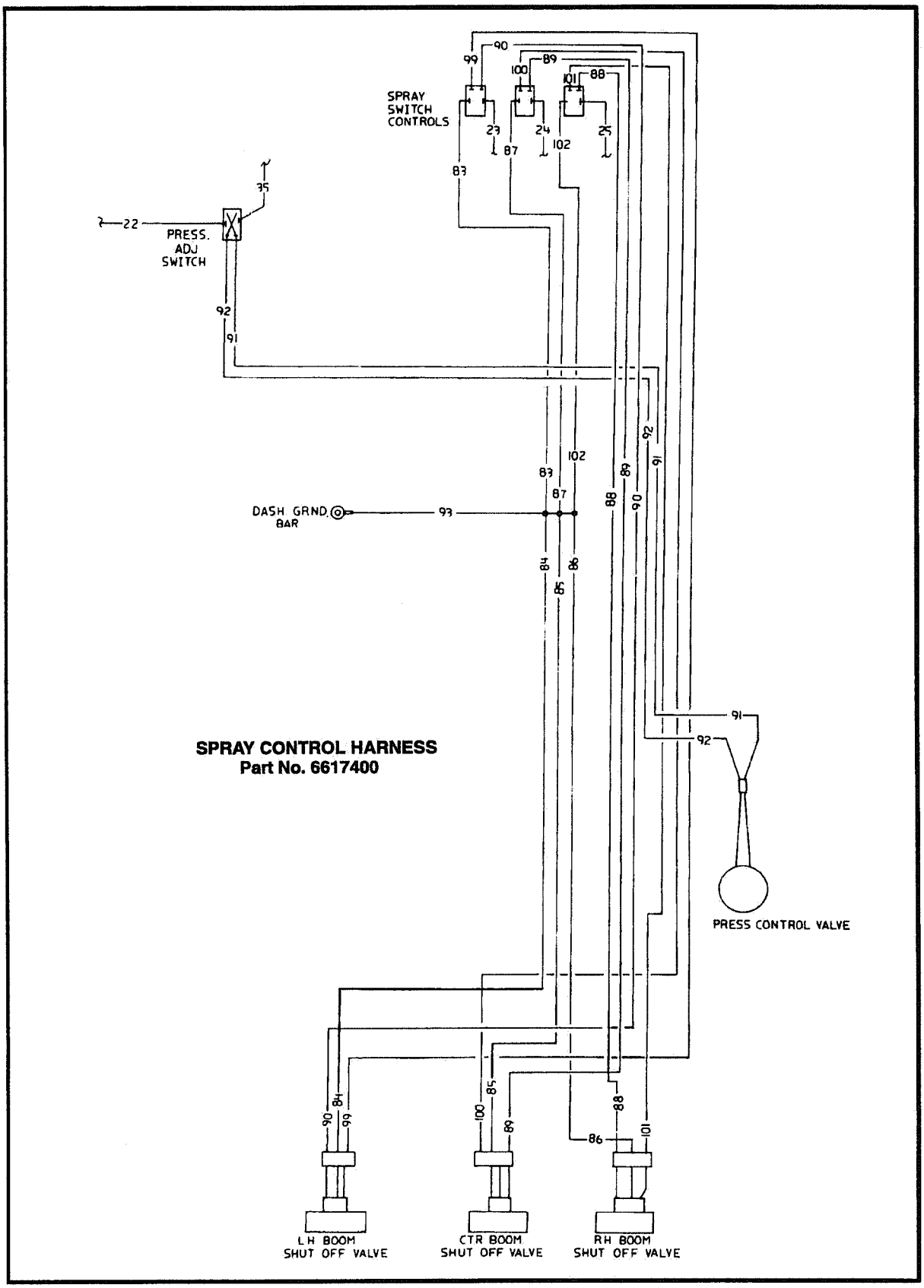


Melroe has engine oil blended to our specifications which meet or exceed the highest demands of your engine.

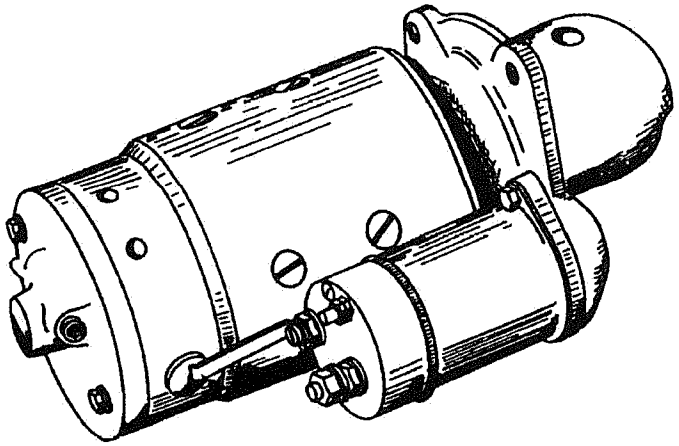


Available from Melroe Parts.

ELECTRICAL DIAGRAM
Model 220 Spra-Coupes W/Electric Booms – S/N 208911001 & Above
(ELECTRICAL) – Pages 020, 021, 022, 023, 024



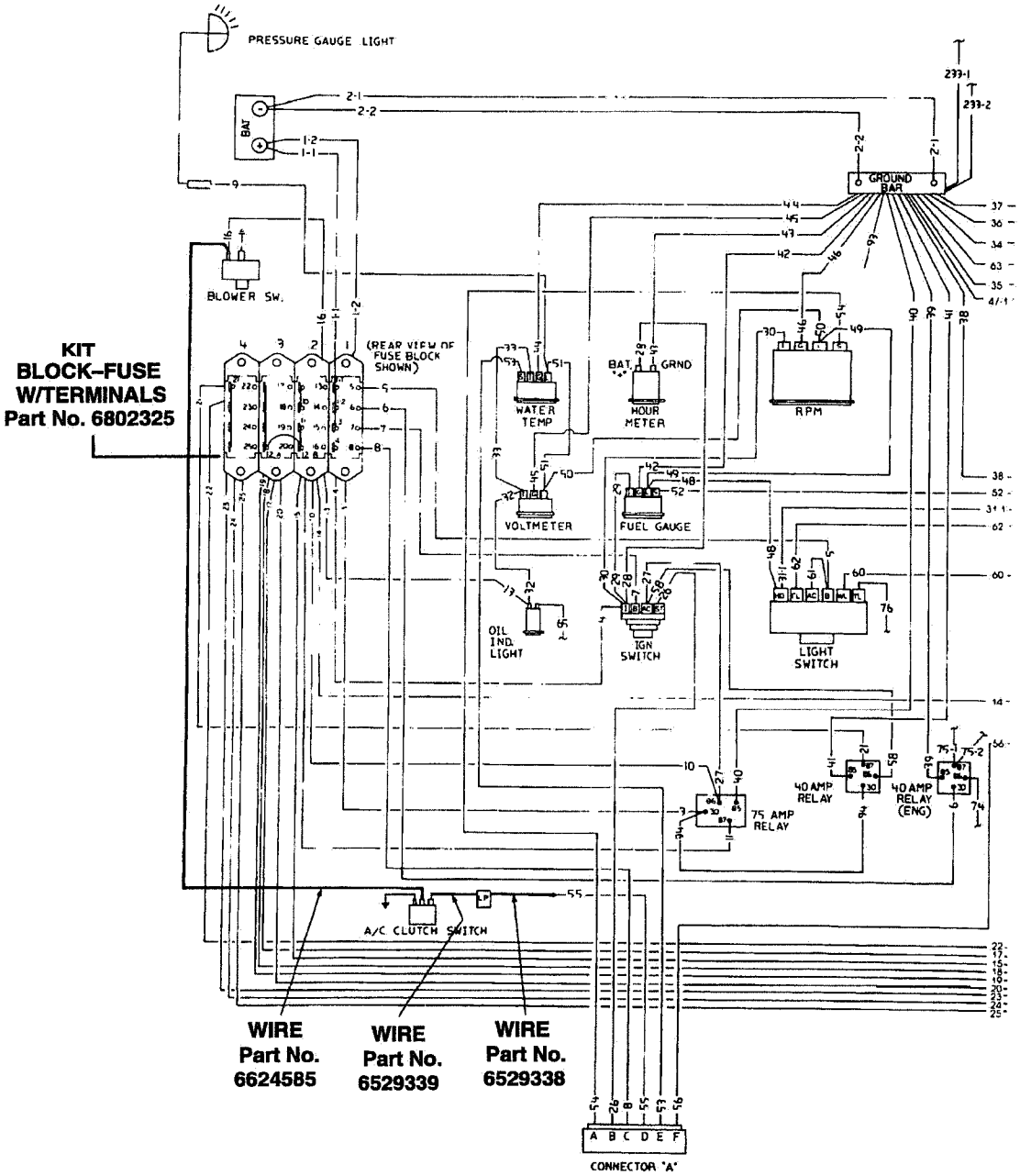
Both new and rebuilt starters are available from Melroe.



Available from Melroe Parts.

ELECTRICAL DIAGRAM (Cont'd)
Model 220 Spra-Coupes W/Electric Booms – S/N 208911001 & Above
(ELECTRICAL) –Pages 020, 021, 022, 023, 024

INSTRUMENT PANEL HARNESS
Part No. 6617402



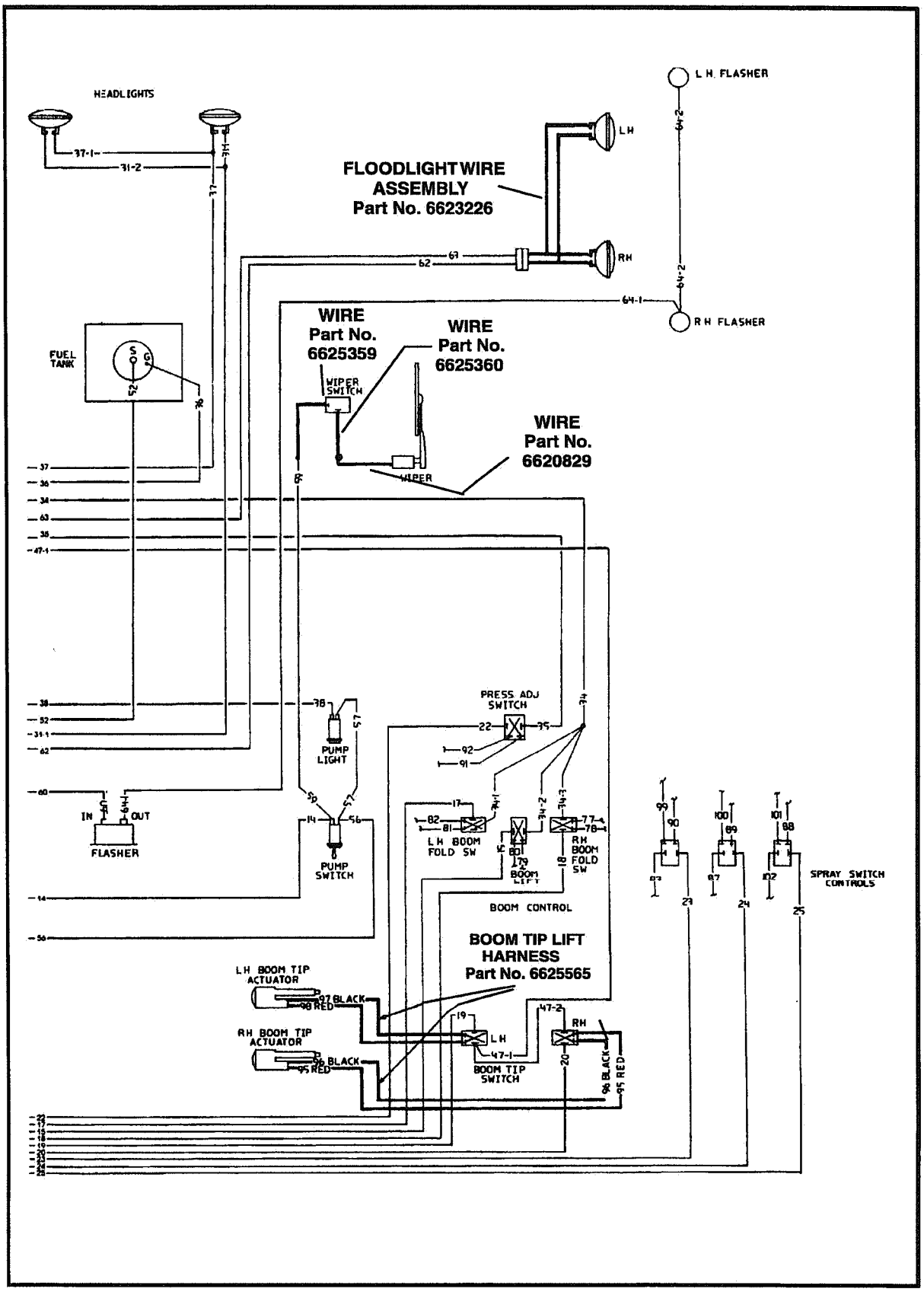
KIT BLOCK–FUSE W/TERMINALS
Part No. 6802325

WIRE
Part No. 6624585

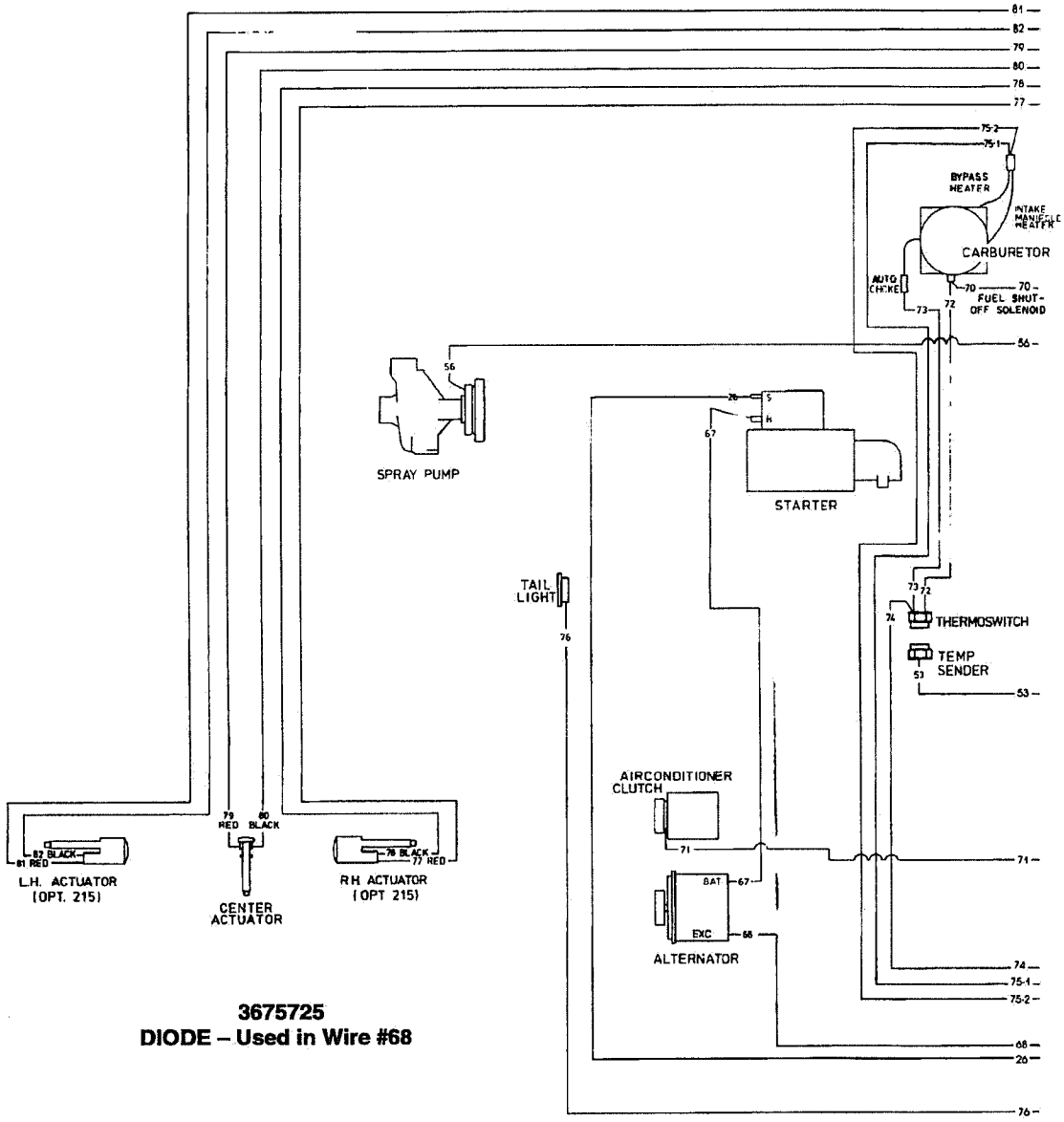
WIRE
Part No. 6529339

WIRE
Part No. 6529338

ELECTRICAL DIAGRAM (Cont'd)
Model 220 Spra-Coupes W/Electric Booms – S/N 208911001 & Above
(ELECTRICAL) – Pages 020, 021, 022, 023, 024

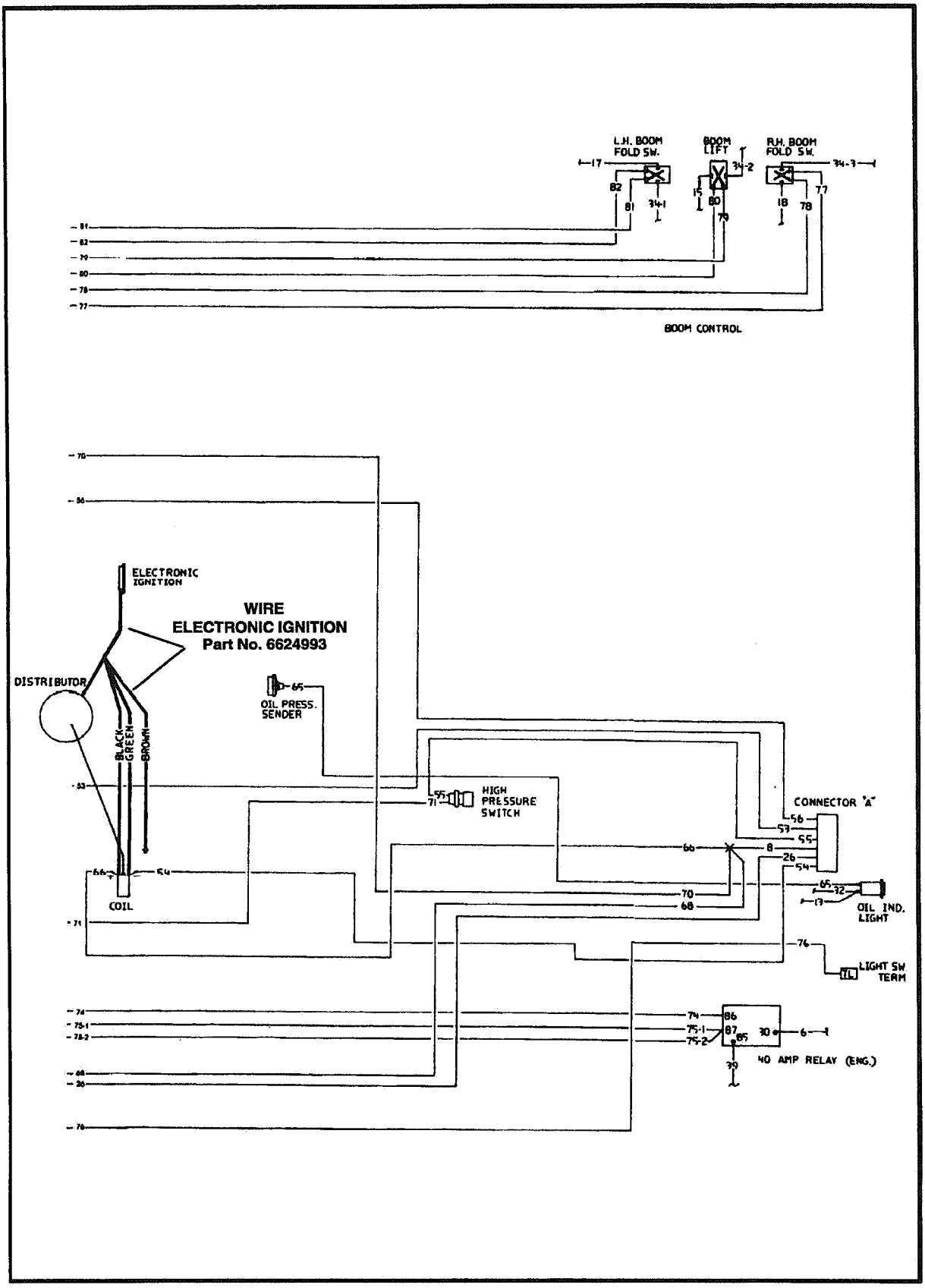


ENGINE AND FOLD ACTUATOR HARNESS
Part No. 6625622

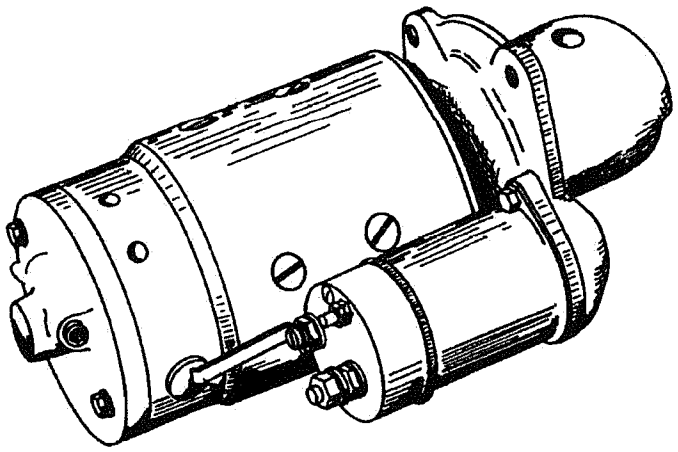


3675725
DIODE – Used in Wire #68

ELECTRICAL DIAGRAM (Cont'd)
Model 220 Spra-Coupes W/Electric Booms – S/N 208911001 & Above
(ELECTRICAL) – Pages 020, 021, 022, 023, 024

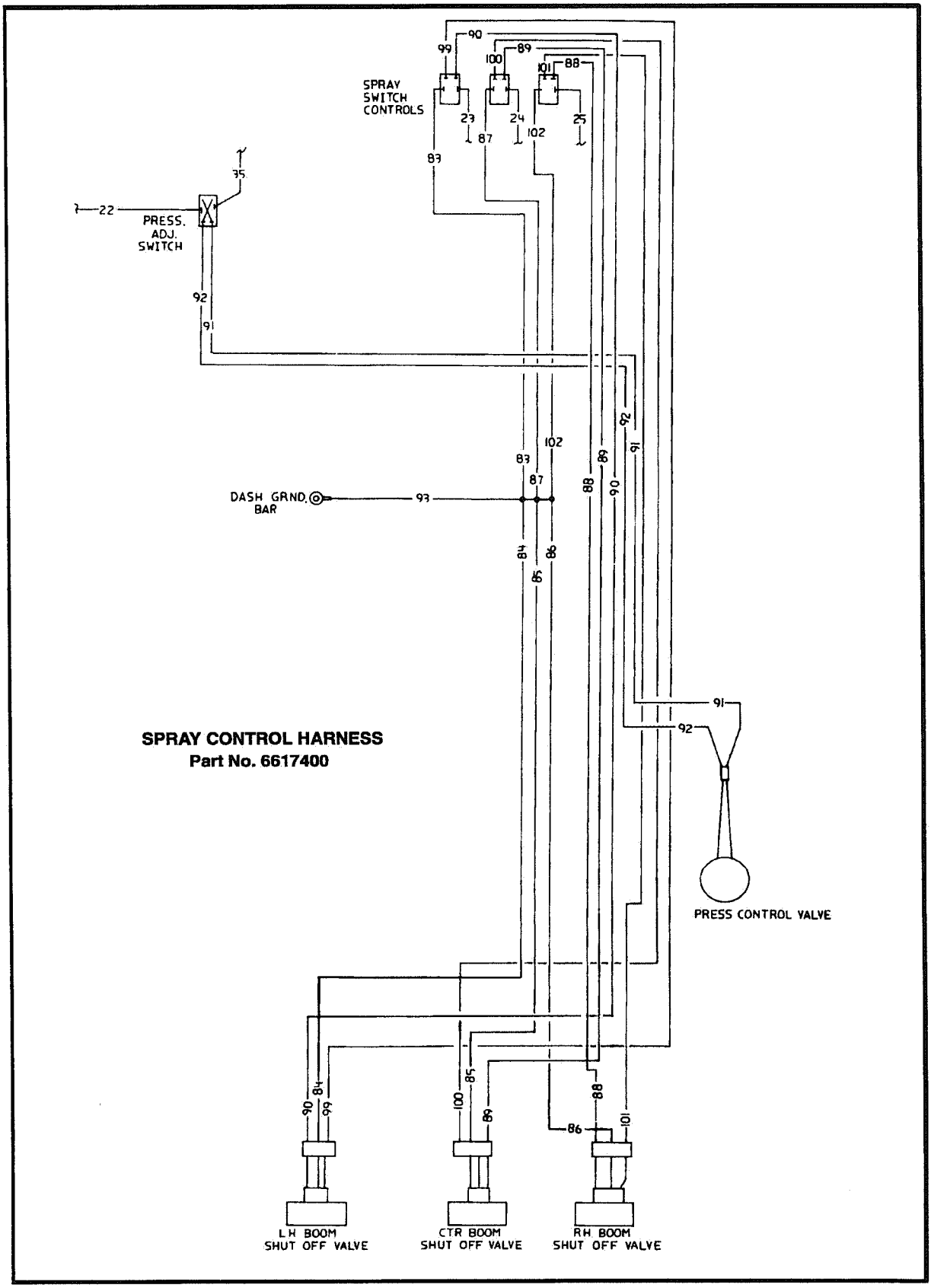


Both new and rebuilt starters are available from Melroe.

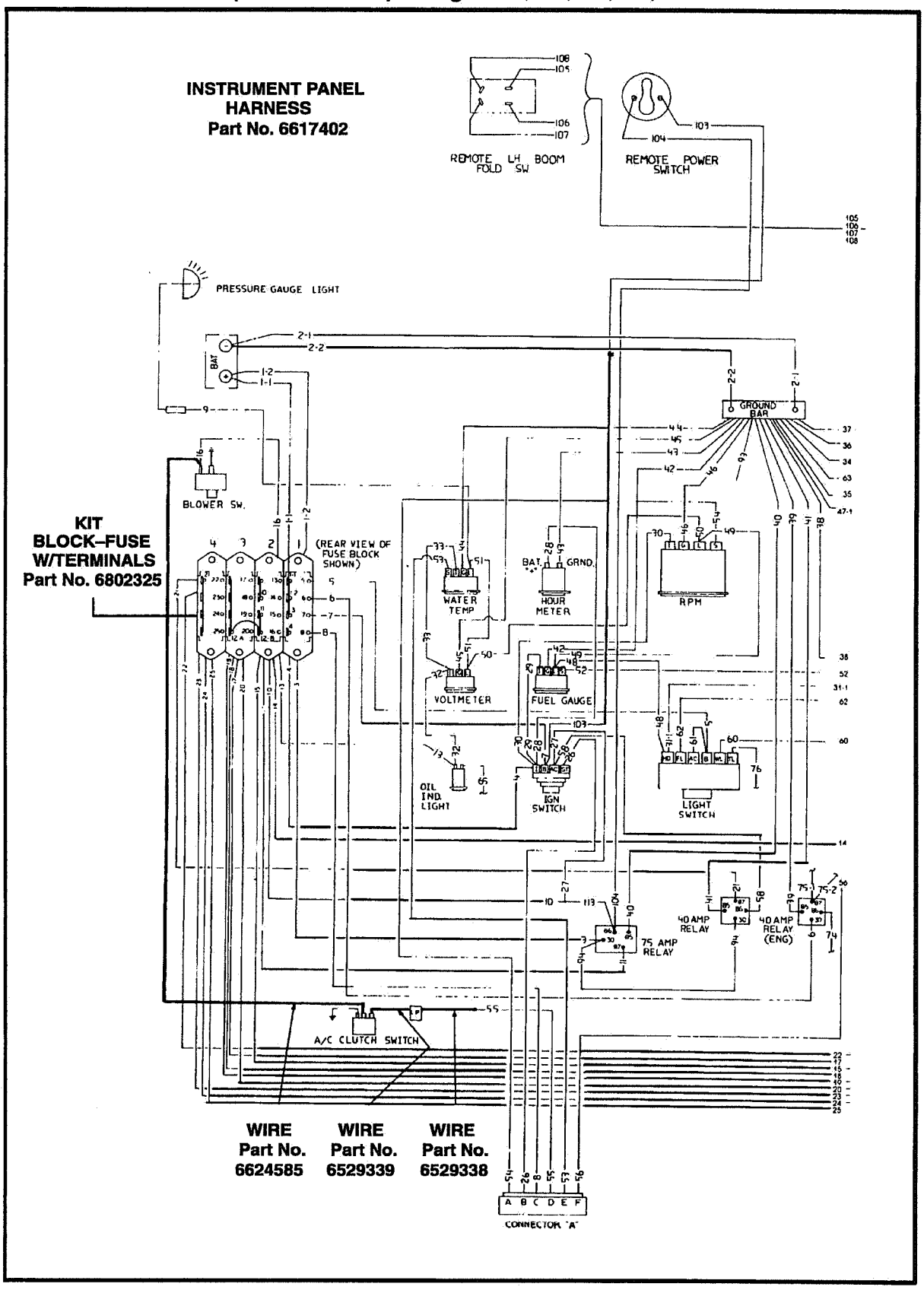


Available from Melroe Parts.

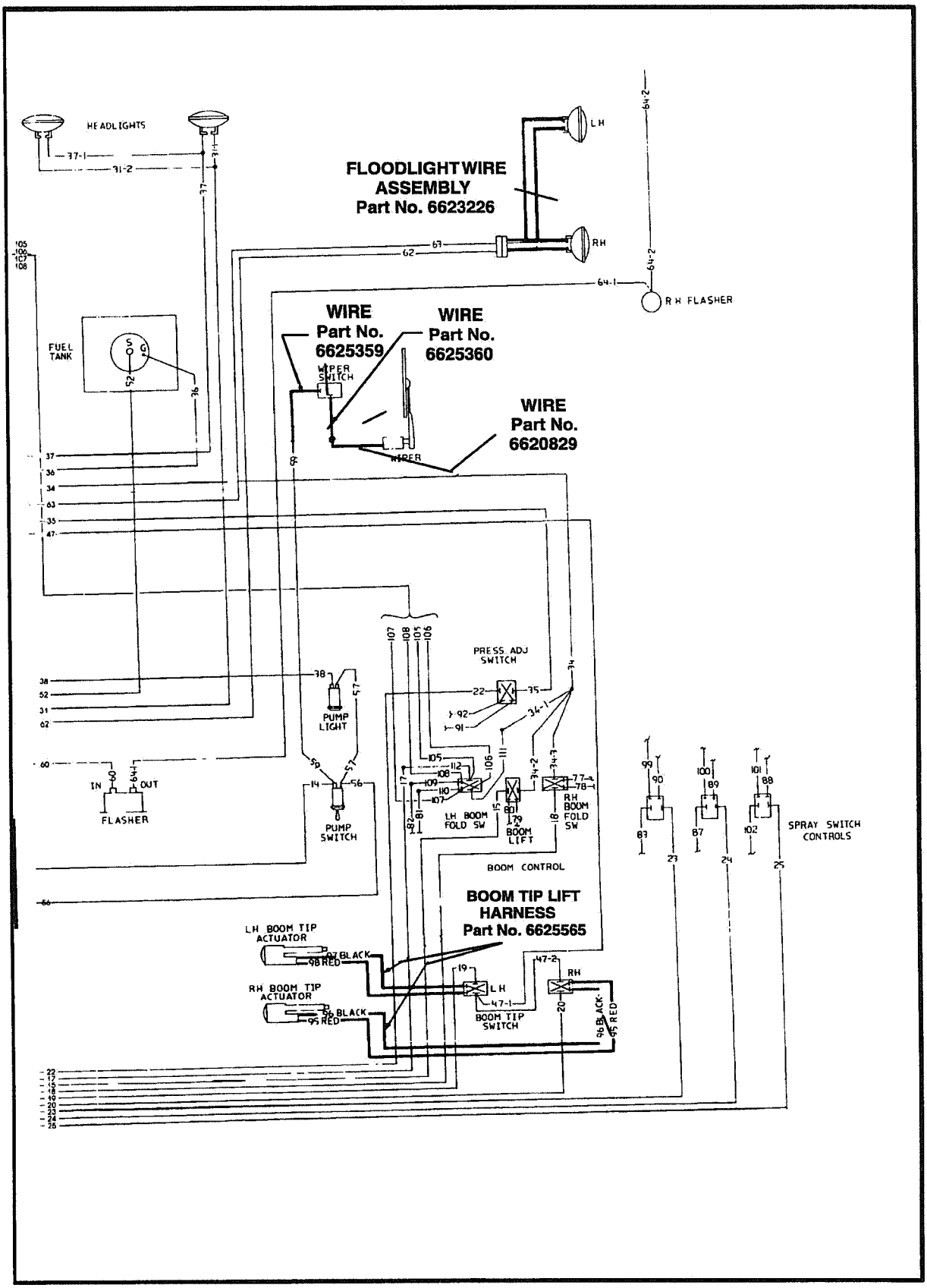
ELECTRICAL DIAGRAMS
Model 230 Spra–Coupes W/Electric Booms
(ELECTRICAL) –Pages P3, P4, P5, P6, P7



ELECTRICAL DIAGRAM (Cont'd)
Model 230 Spra–Coupes W/Electric Booms
(ELECTRICAL) – Pages P3, P4, P5, P6, P7

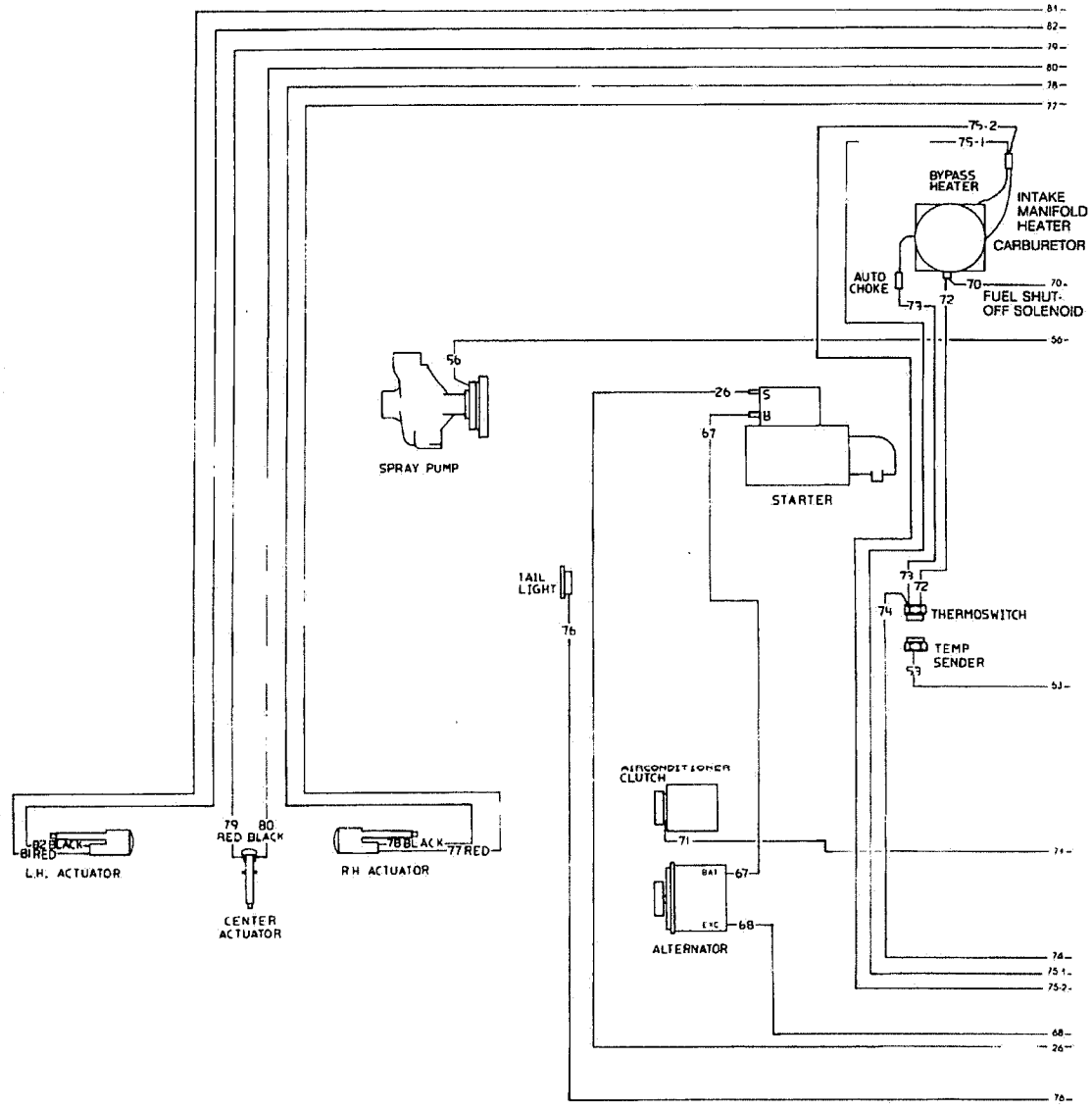


ELECTRICAL DIAGRAM (Cont'd)
Model 230 Spra–Coupes W/Electric Booms
(ELECTRICAL) – P3, P4, P5, P6, P7

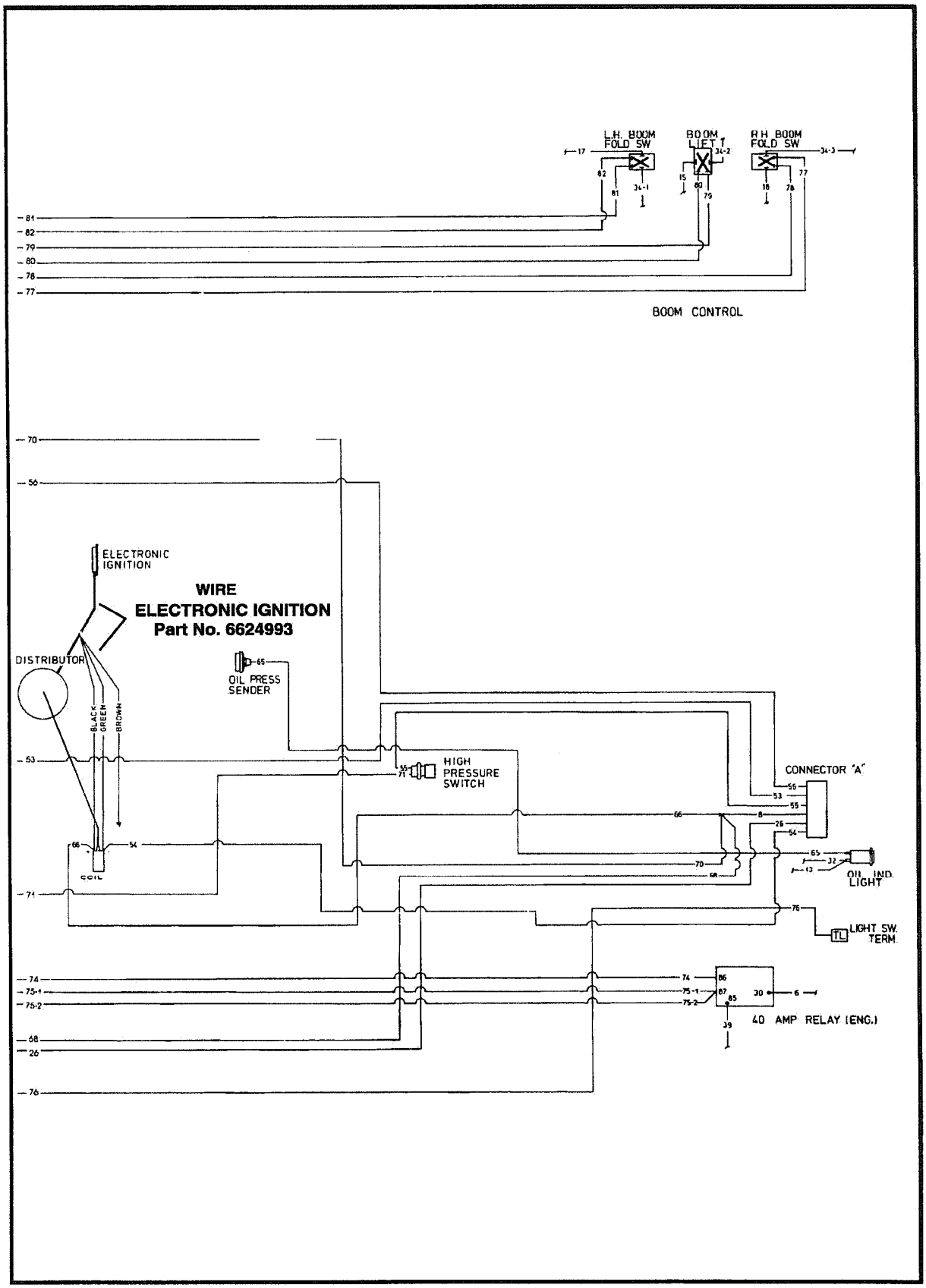


ELECTRICAL DIAGRAM (Cont'd)
Model 230 Spra–Coupes W/Electric Booms
(ELECTRICAL) – P3, P4, P5, P6, P7

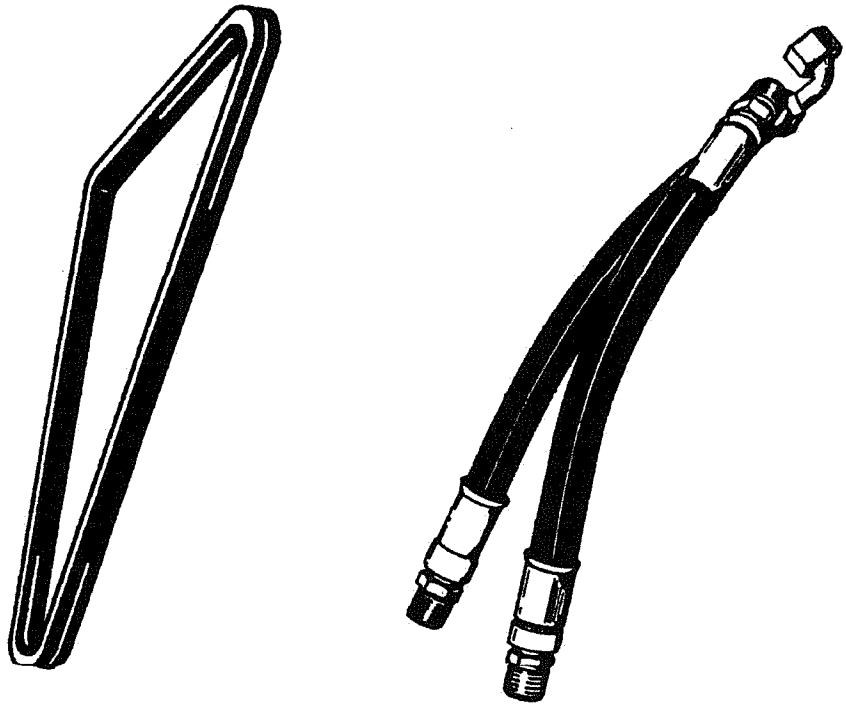
ENGINE HARNESS
Part No. 6625554



ELECTRICAL DIAGRAM (Cont'd)
Model 230 Spra–Coupes W/Electric Booms
(ELECTRICAL) – Pages P3, P4, P5, P6, P7

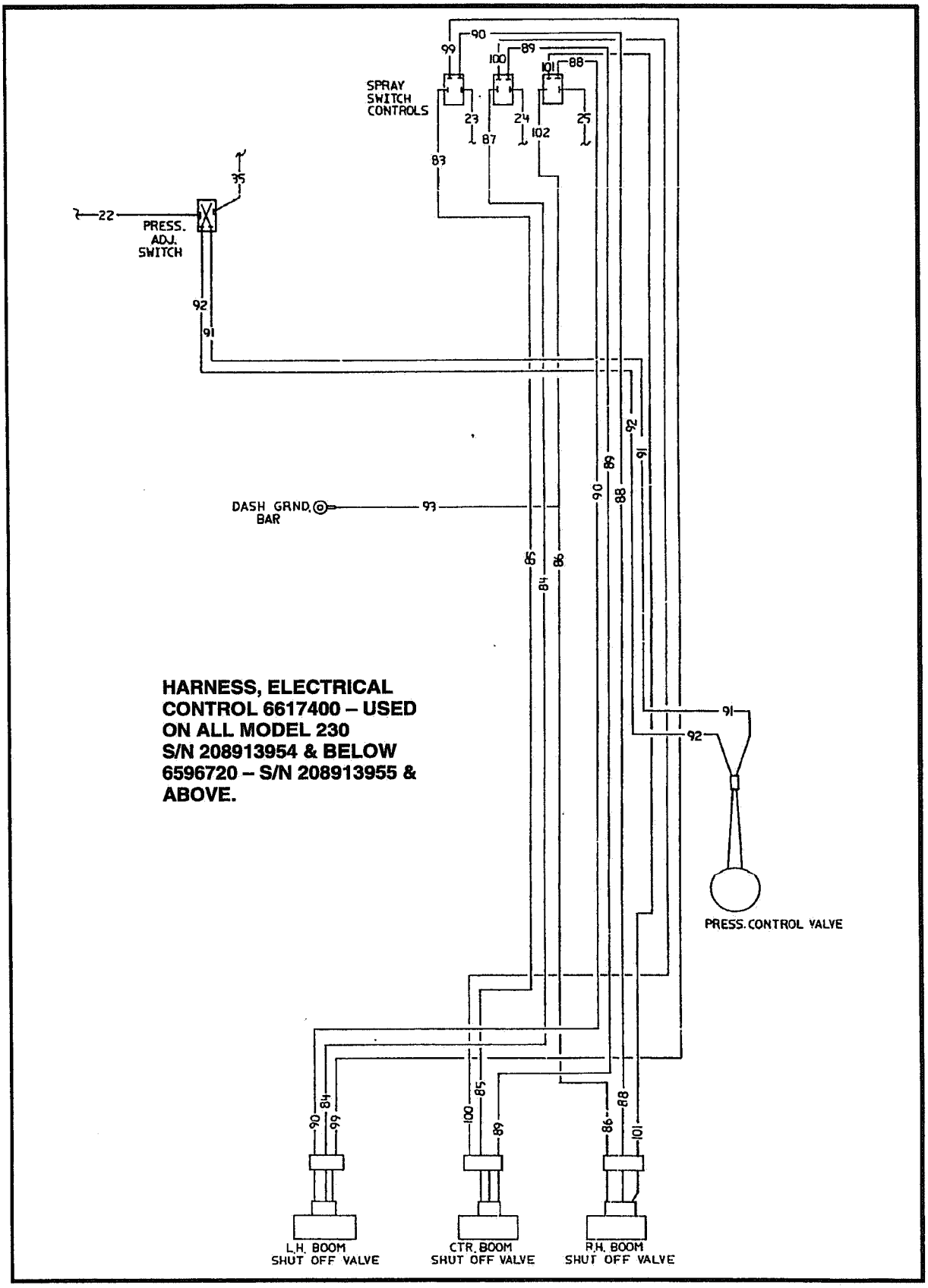


Use only Melroe belts and hoses to maintain maximum service life.



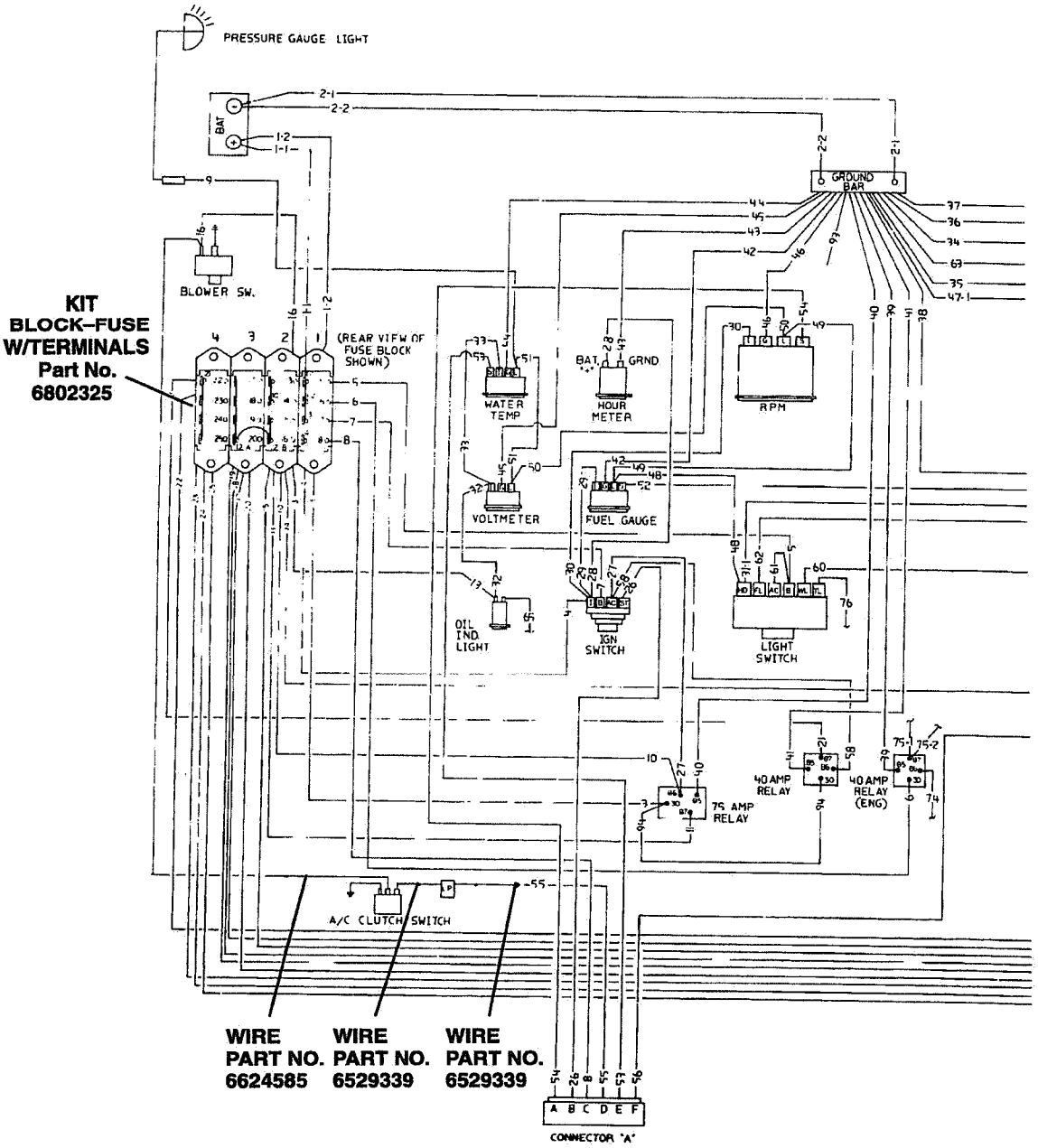
Available from Melroe Parts.

ELECTRICAL DIAGRAM
Model 220, 230 Spra–Coupes W/Hydraulic Booms
(ELECTRICAL) – Pages P9, P10, P11, P12, P13

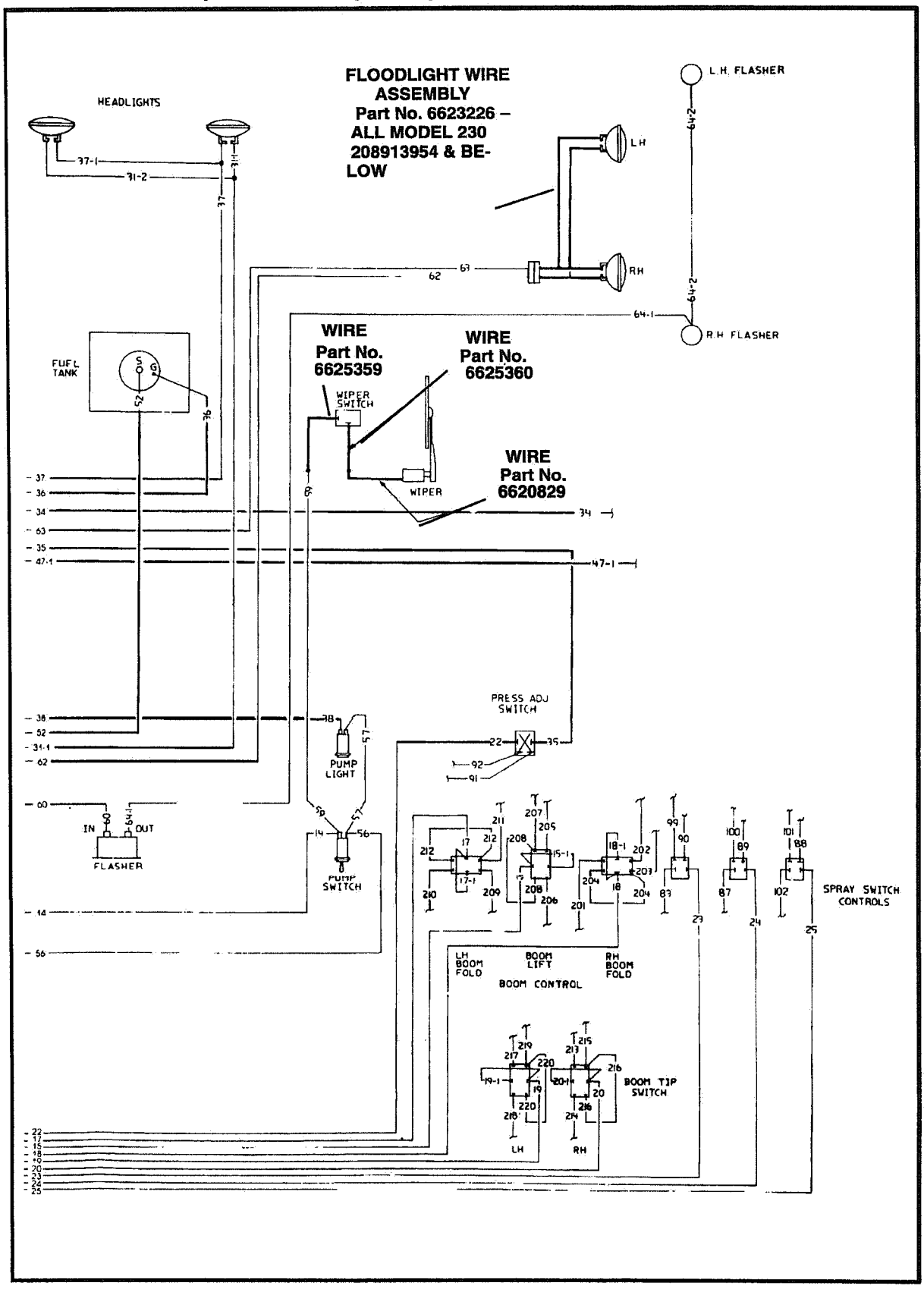

SPRAY SWITCH CONTROLS
PRESS. ADJ. SWITCH
DASH GRND. BAR
HARNESS, ELECTRICAL CONTROL 6617400 – USED ON ALL MODEL 230 S/N 208913954 & BELOW
6596720 – S/N 208913955 & ABOVE.
PRESS. CONTROL VALVE
L.H. BOOM SHUT OFF VALVE
CTR. BOOM SHUT OFF VALVE
R.H. BOOM SHUT OFF VALVE

ELECTRICAL DIAGRAM (Cont'd)
Model 220, 230 Spra–Coupes W/Hydraulic Booms
(ELECTRICAL) – Pages P9, P10, P11, P12, P13

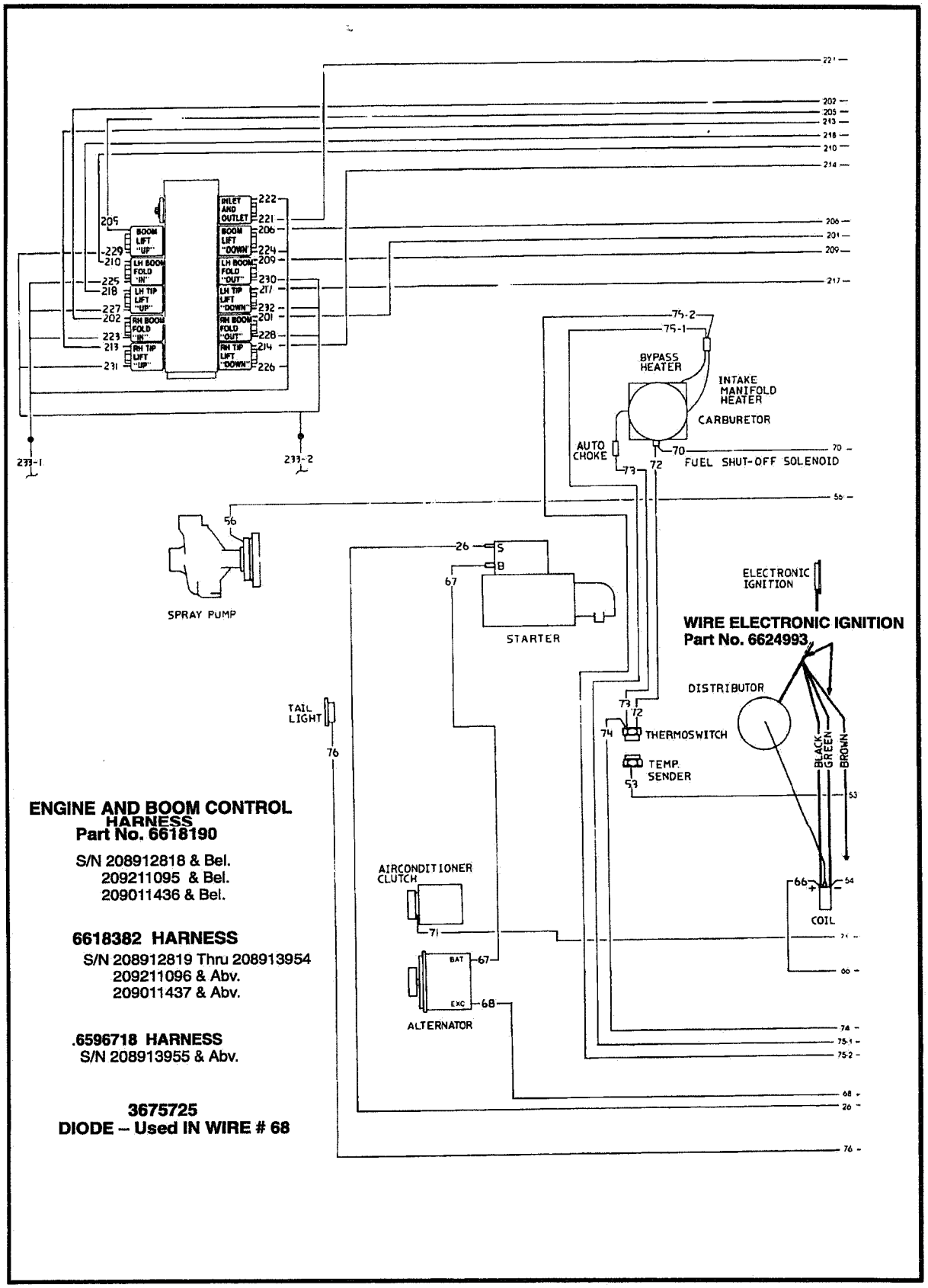
PANEL ASSEMBLY HARNESS
6617402 – USED ON MODEL 230
S/N 208913954 & BELOW
6596717 – S/N 208913955 & ABOVE



ELECTRICAL DIAGRAM (Cont'd)
Model 220, 230 Spra–Coupes W/Hydraulic Booms
(ELECTRICAL) – Pages P9, P10, P11, P12, P13



ELECTRICAL DIAGRAM (Cont'd)
Model 220, 230 Spra–Coupes W/Hydraulic Booms
(ELECTRICAL) Pages P9, P10, P11, P12, P13



ENGINE AND BOOM CONTROL HARNESS
Part No. 6618190

S/N 208912818 & Bel.
209211095 & Bel.
209011436 & Bel.

6618382 HARNESS

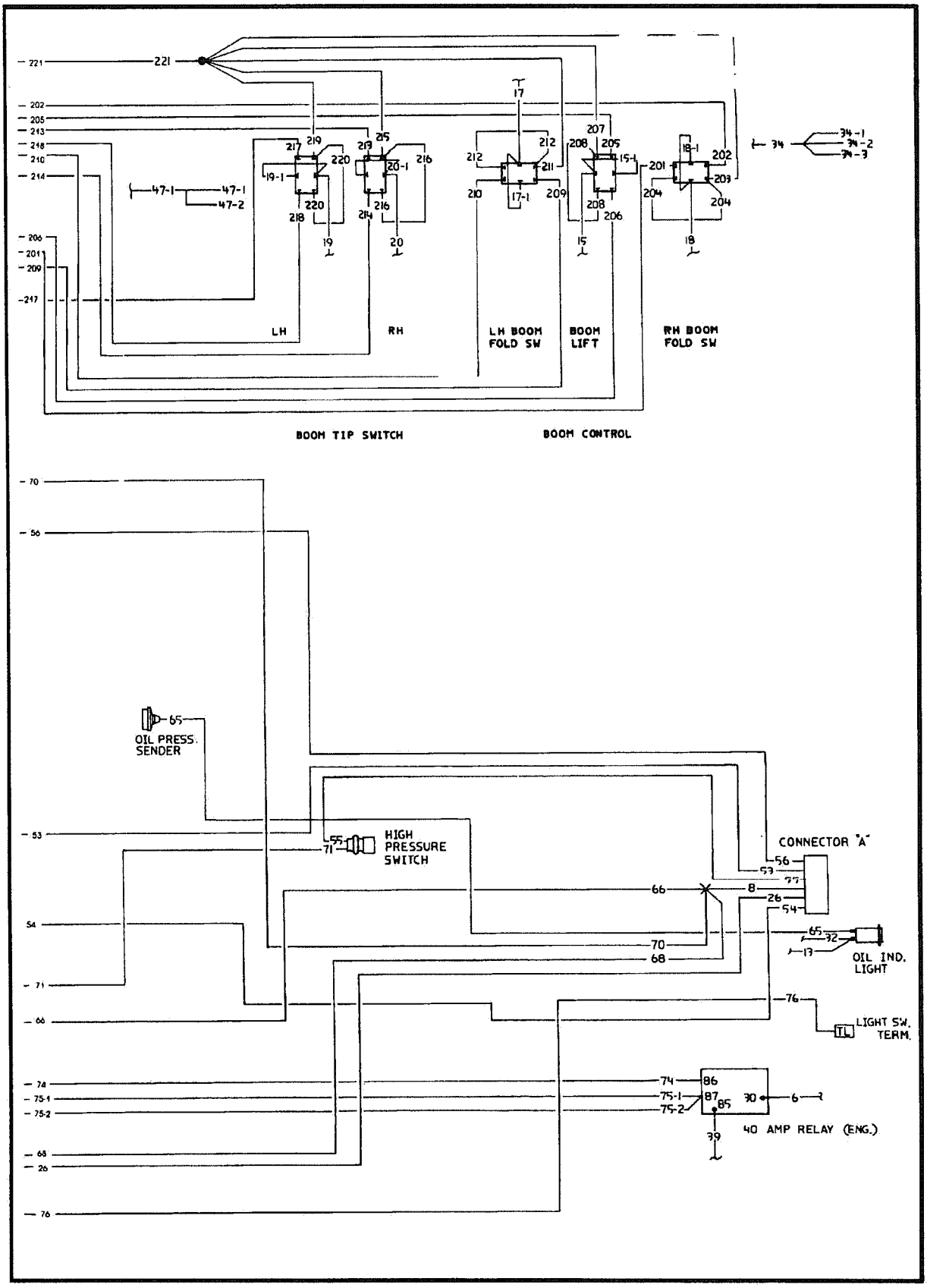
S/N 208912819 Thru 208913954
209211096 & Abv.
209011437 & Abv.

.6596718 HARNESS

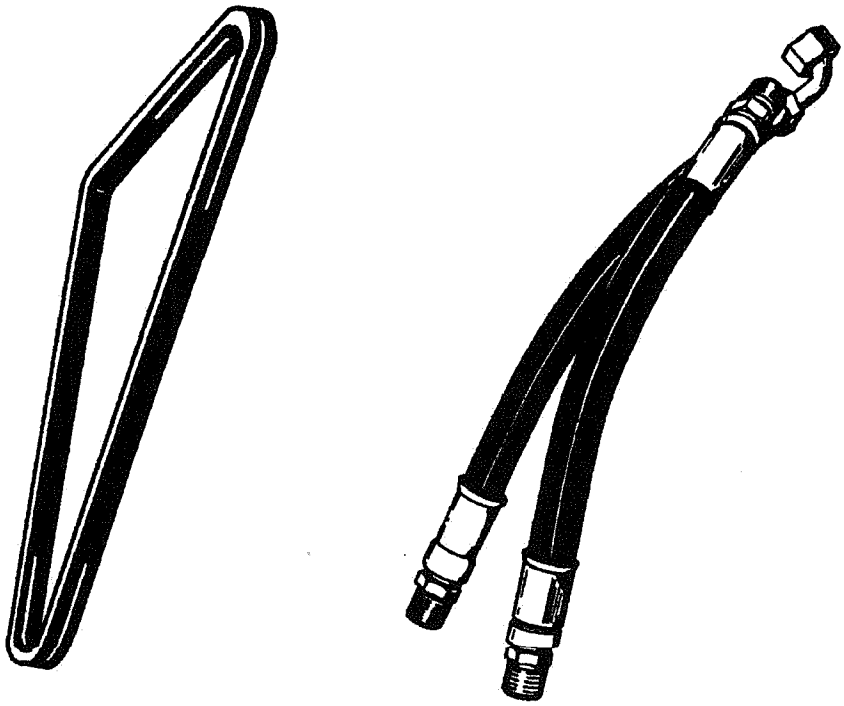
S/N 208913955 & Abv.

3675725
DIODE – Used IN WIRE # 68

ELECTRICAL DIAGRAM (Cont'd)
Model 220, 230 Spra–Coupes W/Hydraulic Booms
(ELECTRICAL) – Pages P9, P10, P11, P12, P13

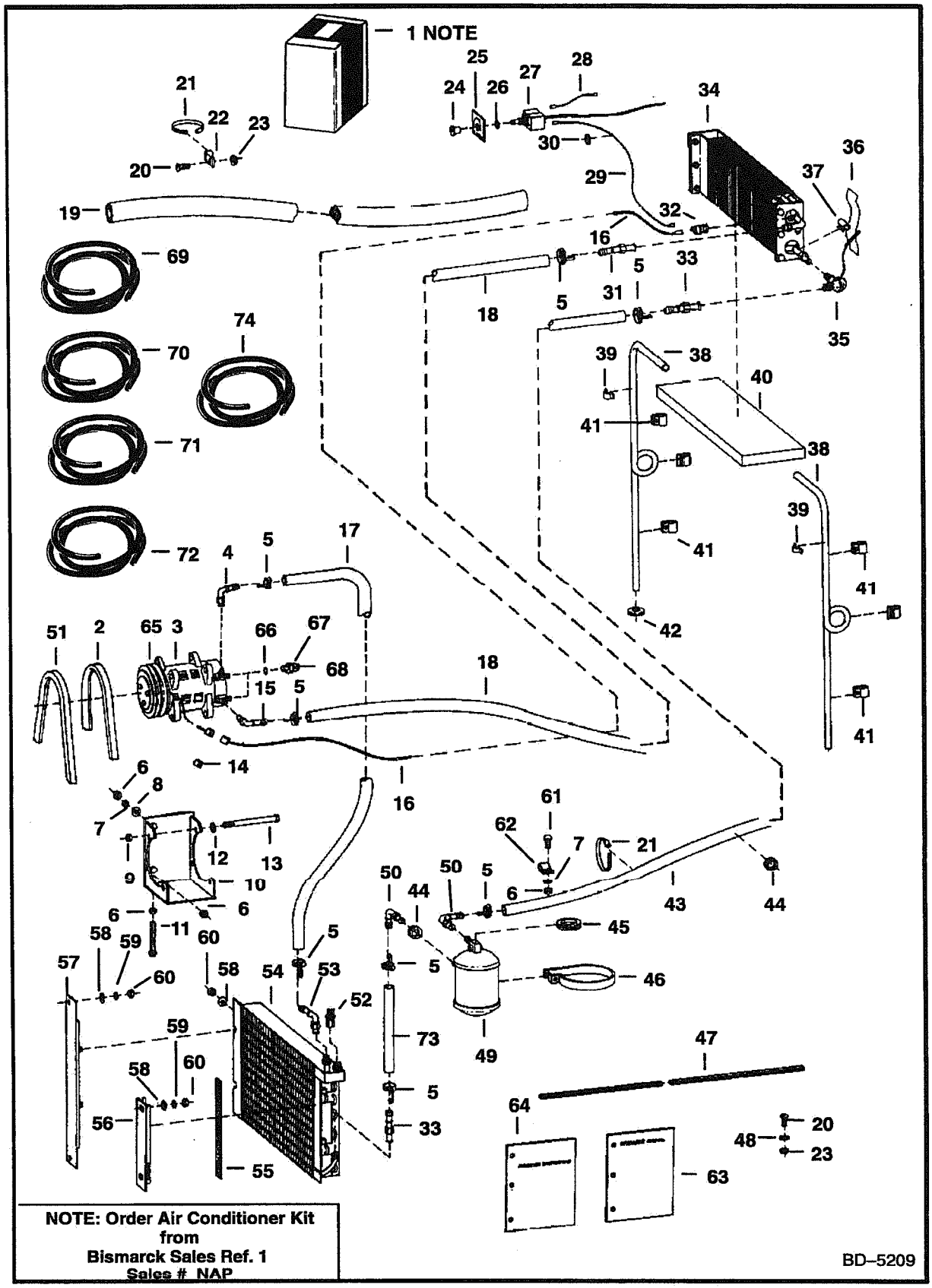


Use only Melroe belts and hoses to maintain maximum service life.



Available from Melroe Parts.

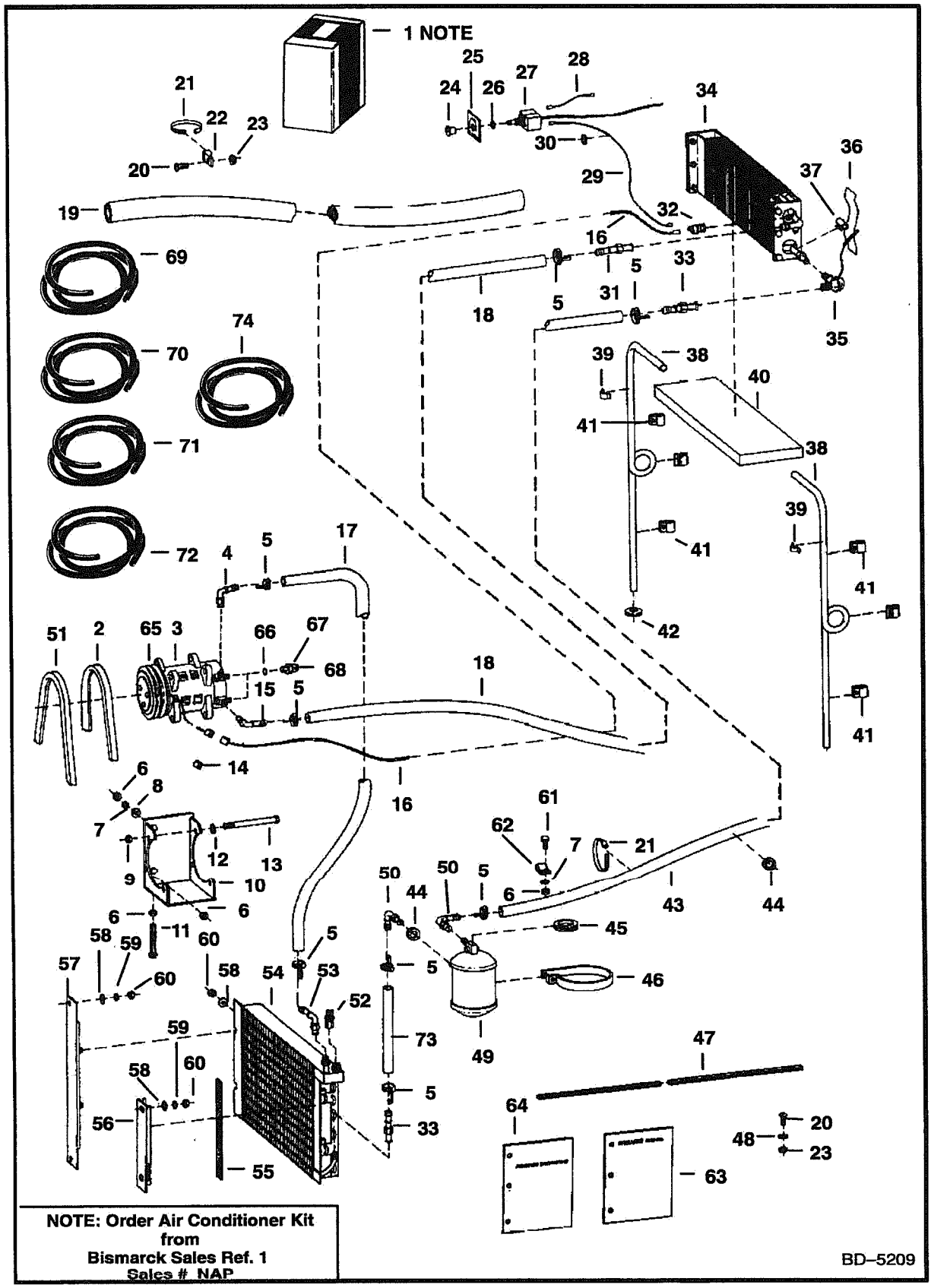
AIR CONDITIONER – R12 REFRIGERANT
S/N 209211274,208913811 & 209012021 & Below
(ACCESSORIES)



AIR CONDITIONER – R12 REFRIGERANT (Cont'd)
S/N 209211274,208913811 & 209012021 & Below
(ACCESSORIES)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	NAP	KIT	Air Conditioner – Ref. 2–66 – Was Sales Dept. 6624581	209211274 & Bel. 208913811 & Bel. 209012021 & Bel.	1
2	6630811	V–BELT	Compressor/Alternator		1
3	6625522	COMPRESSOR	Air Conditioning – W/Wire Terminal and Ref. 65–68		1
4	6630685	CONNECTOR			1
5	6630683	CLAMP			7
6	61D–6	NUT			5
7	4E–6	WASHER			3
8	25E–17	WASHER			2
9	7D–6	NUT			3
10	6625467	BRACKET	Compressor Mounting		1
11	6514575	BOLT			1
12	25E–18	WASHER			3
13	17C–684	BOLT			3
14	6625109	TERMINAL	Wire – Required for Wire Connection	5555 & Below	1
15	2525308	ELBOW	With Swivel Nut		1
16	6529339	WIRE	70" Long – Compressor to Low Pressure Switch		1
17	NAP	HOSE	25" (635mm) Long-Order Ref. 69		1
18	NAP	HOSE	151"(3835,4mm) Long – Order Ref. 70		1
19	6624580	FOAM	Insulation is 72"(1828,8mm) Long		1
20	6615092	BOLT			4
21	6624289	NYLON TIE			8
22	6623609	TAB	Mounting		3
23	83D–4	NUT			4
24	6630746	KNOB	Blower Switch		1
25	6632586	DECAL	Temperature Adjust		1
26	8D–7	NUT			1
27	6630820	SWITCH	Thermostat		1
28	6624585	WIRE	5" Long – Thermostat to Blower "ON/OFF" Switch		1
29	6529338	WIRE	24" Long–Thermostat to Low Pressure Switch		1
30	6515109	GROMMET	Was 515069		1
31	2525309	CONNECTOR	With Swivel Nut		1
32	6632514	SWITCH	Low Pressure		1
33	2525329	CONNECTOR	With Swivel Nut		2
34	6624589	EVAPORATOR			1
35	6658361	VALVE	Expansion		1
36	2535346	TAPE	Insulation – 12" (304,8mm) long		1
37	6632513	CLIP			1
38	6632518	HOSE	Drain		2

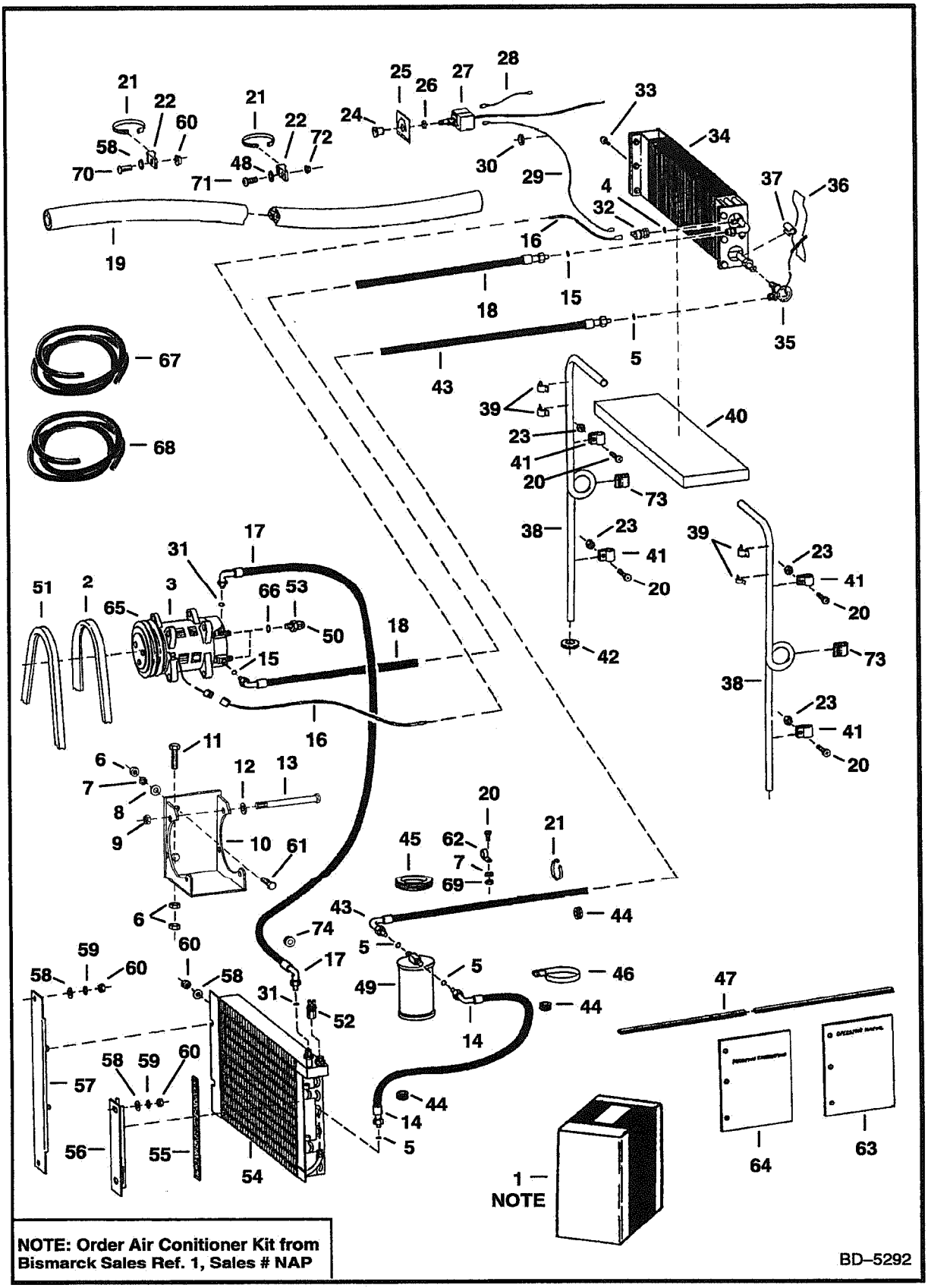
AIR CONDITIONER – R12 REFRIGERANT (Cont'd)
S/N 209211274,208913811 & 209012021 & Below
(ACCESSORIES)



AIR CONDITIONER – R12 REFRIGERANT (Cont'd)
S/N 209211274,208913811 & 209012021 & Below
(ACCESSORIES)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
39	6632516	CLIP			4
40	6632515	PAD	Drain		1
41	30H–53	CLIP	Insulated		4
42	742876	GROMMET			1
43	NAP	HOSE	141" (3581,4mm) Long – Order Ref. 71		1
44	731972	GROMMET	See Page A14, Ref. 23		2
45	6630035	GROMMET			1
46	6630809	CLAMP	Receiver/Dehydrator Mounting		1
47	NAP	SEAL	36"(914,4mm) Long – Order Ref. 72		1
48	6511028	WASHER	Neoprene		1
49	2525312	RECEIVER	Dehydrator		1
50	2525328	ELBOW	With Swivel Nut		1
51	6630810	V–BELT	Compressor – Water Pump		1
52	964086	SWITCH	High Pressure		1
53	2525330	ELBOW	With Swivel Nut		1
54	6632517	CONDENSER			1
55	NAP	STICKERTITE	Sponge 24"(609,6mm) Long – Order Ref. 74		2
56	6625470	SUPPORT	Condenser Hinge		1
57	6625469	SUPPORT	Condenser Angle		1
58	25E–16	WASHER			6
59	4E–5	WASHER			4
60	61D–5	NUT			8
61	17C–616	BOLT			1
62	30H–42	CLIP	Insulated		1
63	6619936	INSTRUCTION	Mounting		1
64	6619942	MANUAL	Operator		1
65	6632536	CLUTCH	Compressor – Model BH – Year 1990 & Bel.		1
	6658964	CLUTCH	Compressor – Model CH – Year 1991 & Abv.		1
66	6658966	O–RING			2
67	6658965	VALVE	Service – W/Cap – Ref. 68		2
68	6658967	CAP			2
69	2525306	HOSE	Bulk – Sold Per Foot		x
70	2525307	HOSE	Bulk – Sold Per Foot		x
71	1583422	HOSE	Bulk – Sold Per Foot		x
72	6630422	SEAL	Bulk – Sold Per Foot		x
73	NAP	HOSE	9"(228,6mm) Long – Order Ref. 71		1
74	6620646	GASKET	Sponge – Bulk Sold Per Foot		x

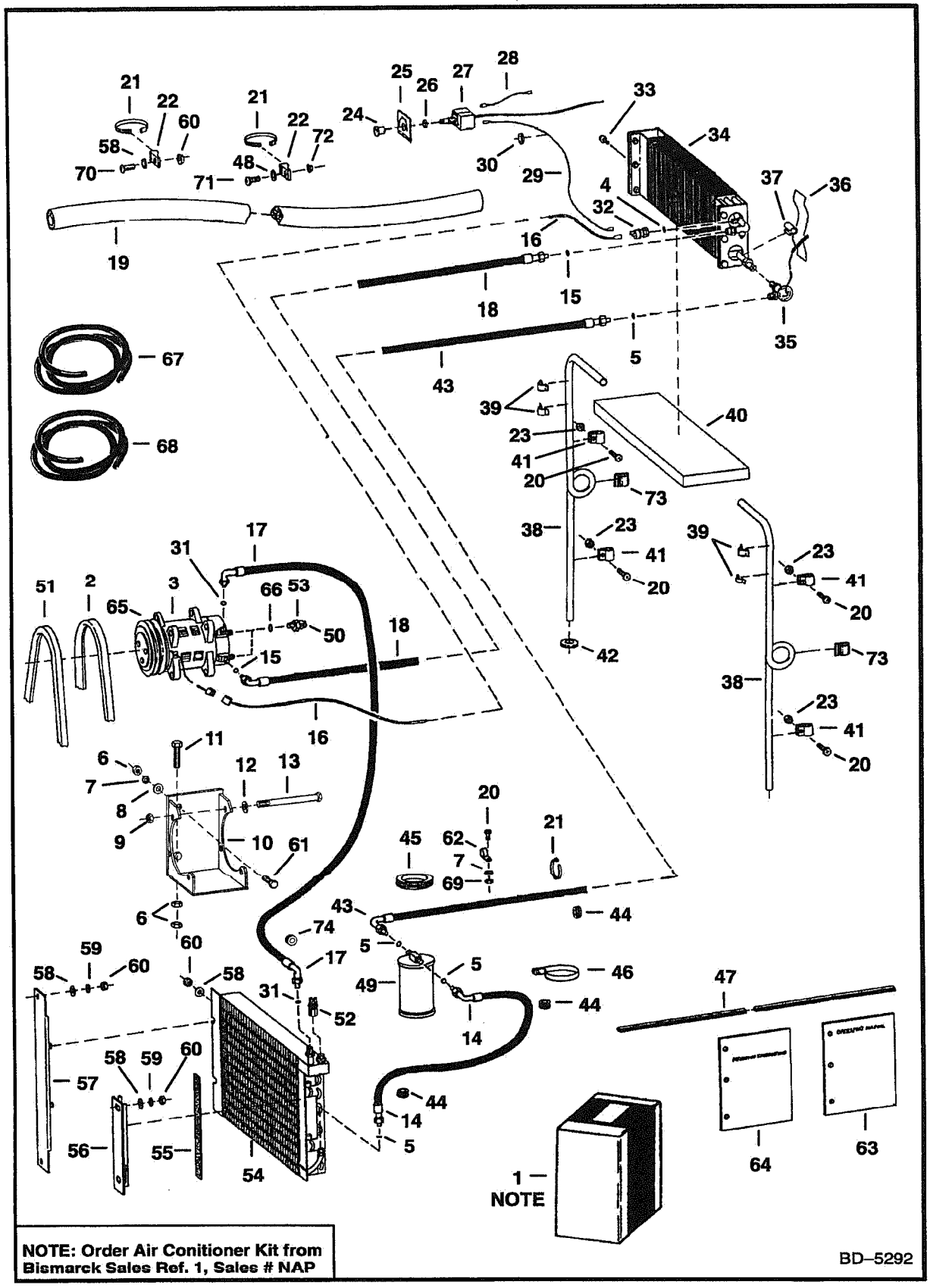
AIR CONDITIONER – R134A REFRIGERANT
S/N 209211275, 208913812 & 209012022 & Above
(ACCESSORIES)



AIR CONDITIONER – R134A REFRIGERANT (Cont'd)
S/N 209211275, 208913812 & 209012022 & Above
(ACCESSORIES)

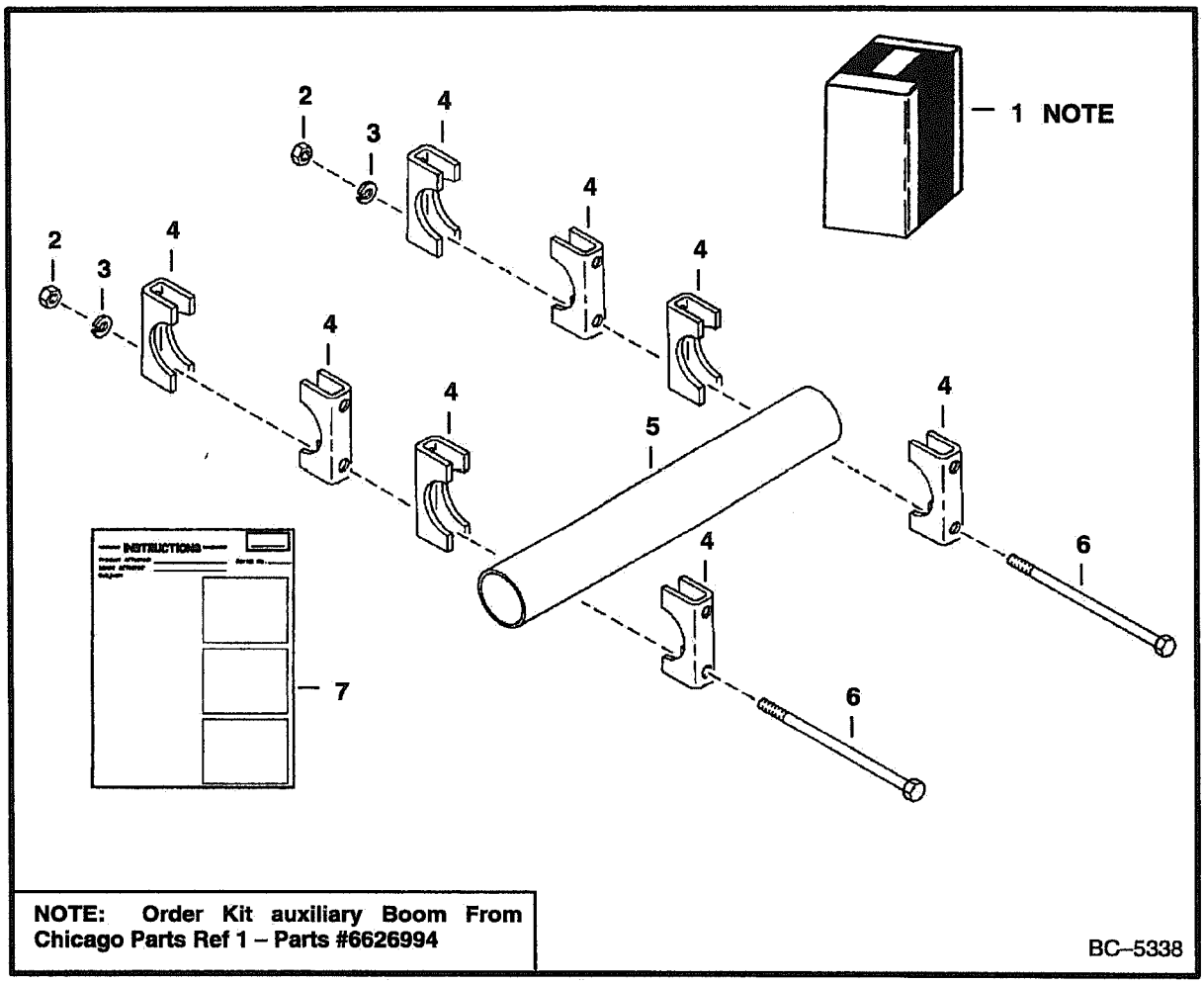
Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1*	NAP	KIT	Air Conditioner – Refs. 2 & 66 – Was Sales Dept. #6665384	209211275 & Abv. 208913812 & Abv. 209012022 & Abv.	1
2	6630811	V–BELT	Compressor–Alternator		1
3	6665560	COMPRESSOR	Air Conditioning – W/Wire Terminal & Refs.50, 53, 65 & 66		1
4	6665549	O–RING			1
5	6662667	O–RING			4
6	61D–6	NUT			4
7	4E–6	WASHER			3
8	25E–17	WASHER			2
9	7D–6	NUT			3
10	6625467	BRACKET	Compressor Mounting		1
11	6514575	BOLT			1
12	25E–18	WASHER			3
13	17C–684	BOLT			3
14	6665564	HOSE	30" (762 mm) Long		1
15	6662666	O–RING			2
16	6665566	WIRE	70" (1778mm) Long – Compressor to Low Pressure Switch		1
17	6665562	HOSE	25" (2525,4mm) Long		1
18	6665563	HOSE	151" (15125,4mm) Long		1
19	6624580	FOAM	Insulation is 72"(1828,8mm) Long		1
20	6615092	BOLT			5
21	6624289	NYLON TIE			8
22	6623609	TAB	Mounting		3
23	83D–4	NUT			5
24	6630746	KNOB	Blower Switch		1
25	6632586	DECAL	Temperature Adjust		1
26	8D–7	NUT			1
27	6630820	SWITCH	Thermostat		1
28	6624585	WIRE	5" (127mm) Long – Thermostat to Blower "ON/OFF" Switch		1
29	6665567	WIRE	24"(610mm) Long–Thermostat to Low Pressure Switch		1
30	6515109	GROMMET	Was 515069		1
31	6648475	O–RING			3
32	6662659	SWITCH	Low Pressure		1
33	6641062	SCREW			2
34	6665559	EVAPORATOR			1
35	6668952	VALVE	Expansion – Was 6665548 [A]		1
36	2535346	TAPE	Insulation – 12" (304,8mm) long		1
37	6632513	CLIP			1
38	6632518	HOSE	Drain		2
39	6632516	CLIP			4
40	6632515	PAD	Drain		1

AIR CONDITIONER – R134A REFRIGERANT (Cont'd)
S/N 209211275, 208913812 & 209012022 & Above
(ACCESSORIES)



AIR CONDITIONER – R134A REFRIGERANT (Cont'd)
S/N 209211275, 208913812 & 209012022 & Above
(ACCESSORIES)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
41	30H–53	CLIP	Insulated		4
42	742876	GROMMET			1
43	6665565	HOSE	147" (3733,8mm) Long – Order		
			Ref. 71		1
44	6662655	GROMMET	See Page A14, Ref. 23 –		
			Was 731972 [A]		2
45	6630035	GROMMET			1
46	6662648	CLAMP	Receiver/Dehydrator Mounting		1
47	NAP	SEAL	36"(914,4mm) Long – Order		
			Ref. 72		1
48	6511028	WASHER	Neoprene		1
49	6662649	RECEIVER	Dehydrator		1
50	6658967	CAP			1
51	6630810	V–BELT	Compressor – Water Pump		1
52	964086	SWITCH	High Pressure		1
53	6658965	VALVE	Service W/Cap Ref. 50		1
54	6665561	CONDENSER			1
55	NAP	STICKERTITE	Sponge 24"(609,6mm) Long		
			– Order Ref. 68		2
56	6625470	SUPPORT	Condenser Hinge		1
57	6625469	SUPPORT	Condenser Angle		1
58	25E–16	WASHER			6
59	4E–5	WASHER			4
60	61D–5	NUT			8
61	17C–616	BOLT			1
62	30H–42	CLIP	Insulated		1
63	6619936	INSTRUCTION	Mounting		1
64	6619942	MANUAL	Operator		1
65	6658964	CLUTCH	Compressor – Year 1991 & Abv.		1
66	6658966	O–RING			2
67	6630422	SEAL	Bulk – Sold Per Foot		x
68	6620646	GASKET	Sponge – Bulk Sold Per Foot		x
69	83D–4	NUT			5
70	17C–516	BOLT			2
71	17C–416	BOLT			1
72	61D–4	NUT			1
73	6665726	CLIP			2
74	6666906	GROMMET			1



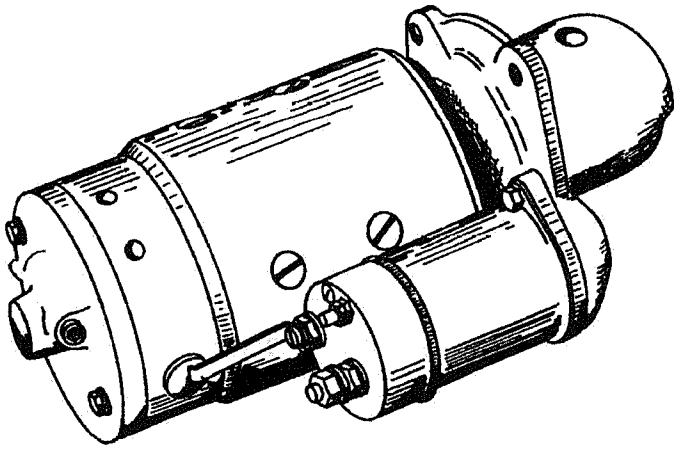
NOTE: Order Kit auxiliary Boom From Chicago Parts Ref 1 – Parts #6626994

BC–5338

AUXILIARY BOOM (ACCESSORIES)

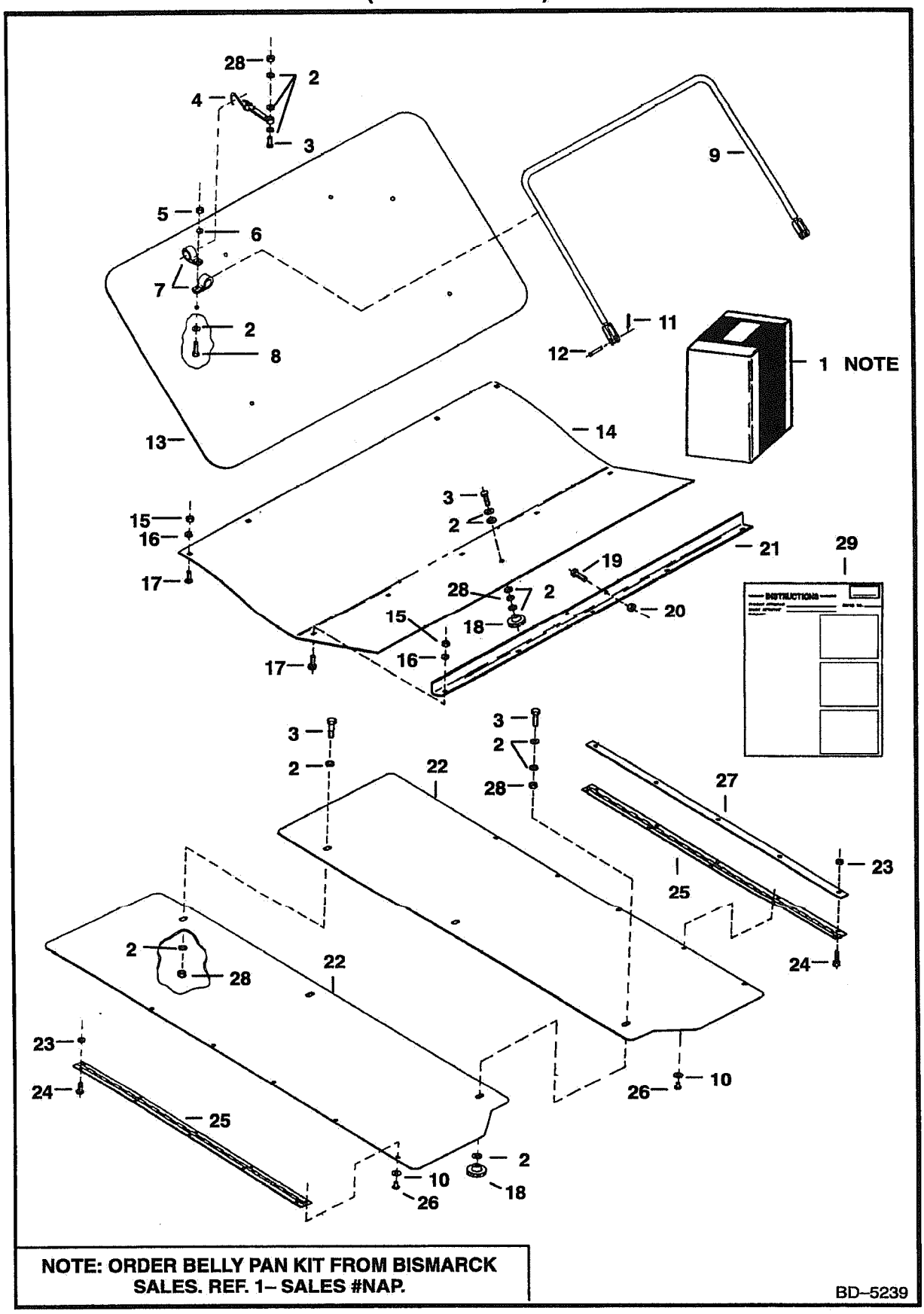
Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	PARTS	KIT	Auxiliary Boom – W/Ref. 2-7		1
2	61D–5	NUT			24
3	4E–5	WASHER			24
4	6660351	CLAMP	Was 6626724		48
5	6626993	TUBE	12.01" Long		6
6	17C–588	BOLT			24
7	6629544	INSTRUCTION	Mounting		1

Both new and rebuilt starters are available from Melroe.



Available from Melroe Parts.

BELLY PAN – FRONT – MODEL 230
(ACCESSORIES)



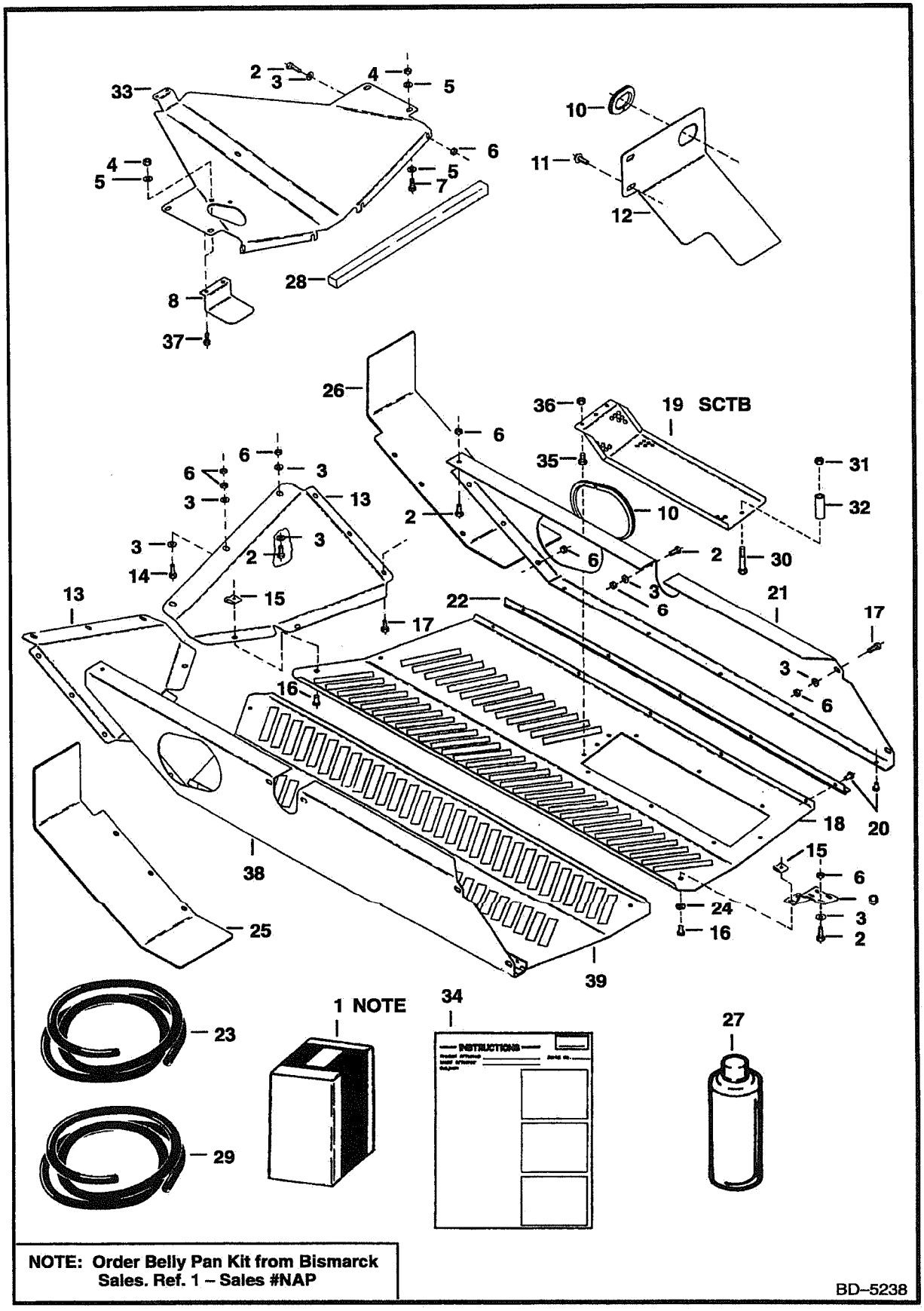
NOTE: ORDER BELLY PAN KIT FROM BISMARCK SALES. REF. 1– SALES #NAP.

BD–5239

BELLY PAN – FRONT – MODEL 230 (Cont'd)
(ACCESSORIES)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	NAP	KIT	Belly Pan – Front, Rear – W/Ref. 2-29 – Was SALES – #6617555		1
2	25E–16	WASHER			25
3	17C–520	BOLT			6
4	6610320	HOLDDOWN	Rubber		2
5	61D–5	NUT			6
6	4E–5	WASHER			6
7	30H–42	CLIP	Insulated		8
8	17C–516	BOLT			6
9	6617973	SUPPORT	Shield		1
10	6610548	WASHER	Steel		10
11	1F–316	COTTER PIN			2
12	4F–6106	CLEVIS PIN	Was 2F–6106 [A]		2
13	6617972	SHIELD			1
14	6617364	SHIELD			1
15	61D–6	NUT			9
16	4E–6	WASHER			9
17	10C–616	BOLT			9
18	6599614	KNOB			4
19	17C–616	BOLT			2
20	85D–6	NUT			2
21	6617367	BRACE			1
22	6617884	SHIELD			2
23	85D–4	NUT			10
24	17C–416	BOLT			10
25	6617412	HINGE			2
26	6598681	RIVET	Monobolt		10
27	6626248	SPACER			2
28	85D–5	NUT			6
29	6629521	INSTRUCTION	Mounting		1

BELLY PAN – REAR – MODEL 230
(ACCESSORIES)

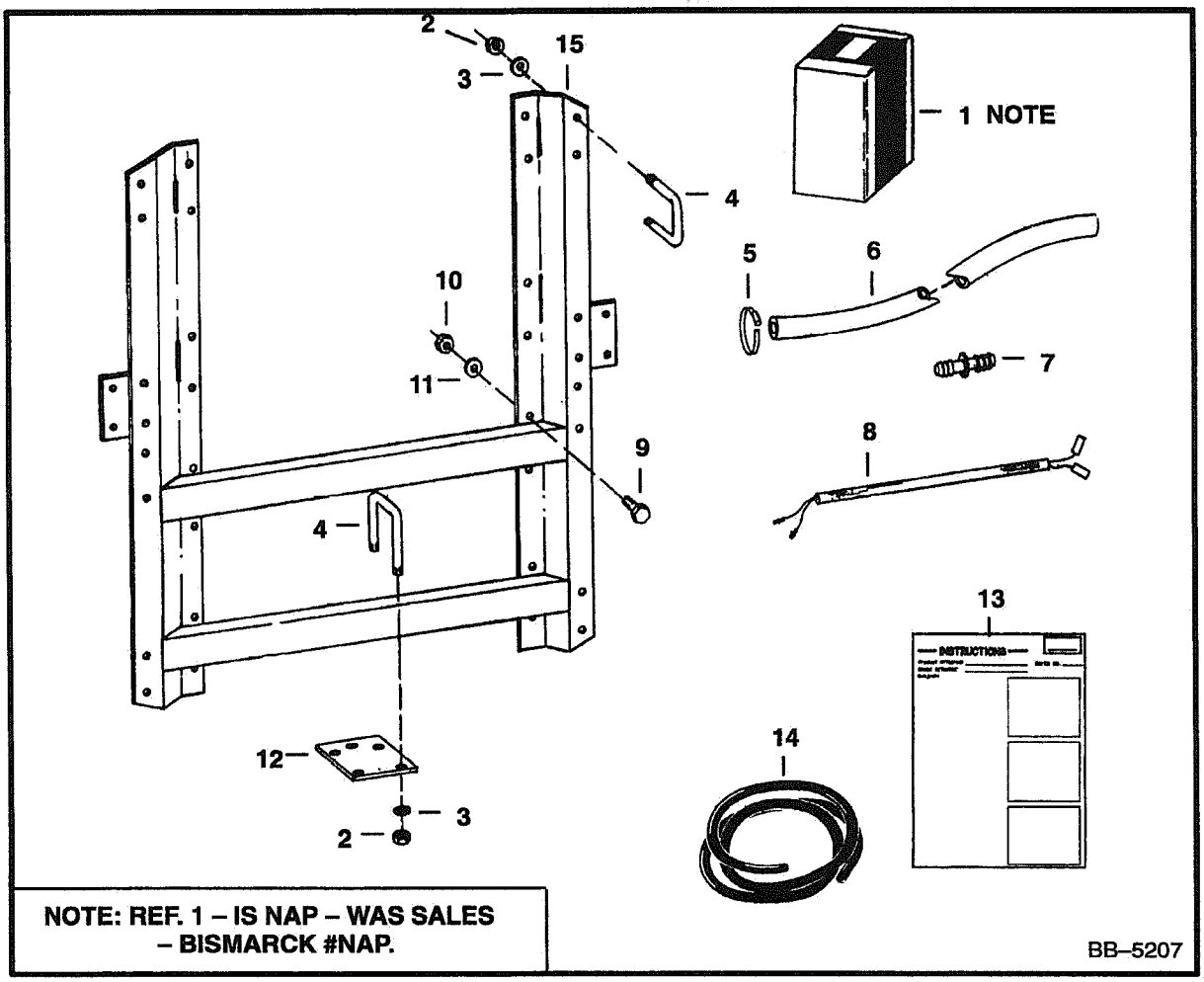


NOTE: Order Belly Pan Kit from Bismarck Sales. Ref. 1 – Sales #NAP

BD–5238

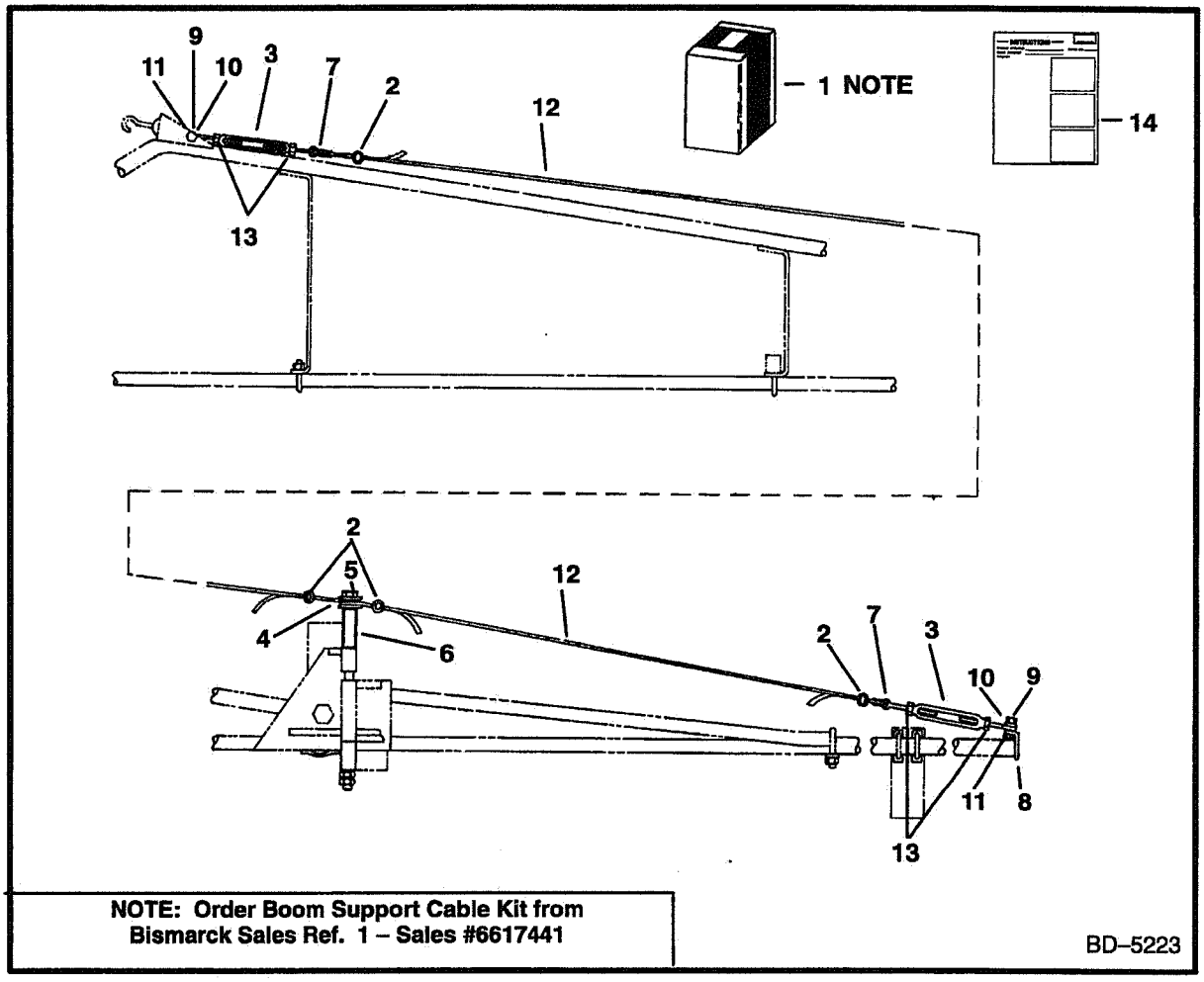
BELLY PAN – REAR – MODEL 230 (Cont'd)
(ACCESSORIES)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	NAP	KIT	Belly Pan – Front, Rear – Was SALES – # 6617555		1
2	17C–616	BOLT			19
3	25E–18	WASHER			28
4	85D–5	NUT			6
5	25E–16	WASHER			10
6	85D–6	NUT			31
7	17C–516	BOLT			4
8	6617886	GUARD			1
9	6617473	BRACKET			2
10	NAP	RUBBER STRIP	9" (228,6mm) & 20" (508mm) Long – Order Ref. 23		1
11	84G–3716	BOLT			4
12	6617674	SHIELD	L.H.		1
	6617675	SHIELD	R.H.		1
13	6617356	SHIELD	L.H.		1
	6617355	SHIELD	R.H.		1
14	17C–624	BOLT			1
15	6655443	NUT	Self Retaining – Was 1307161 [A]		6
16	17C–512	BOLT	Was 6624245 [A]		6
17	17C–612	BOLT			10
18	6617471	PAN	Belly – R.H.		1
19	6626652	SHIELD	Muffler – See SCTB – SC-014 – Was 6617479 [A]		1
20	6598681	RIVET	Monobolt		13
21	6617442	SUPPORT	Belly Pan – R.H.		1
22	6617469	HINGE	Belly Pan		2
23	6620417	RUBBER STRIP	Bulk – Sold Per Foot		x
24	4E–5	WASHER			6
25	6618359	SHIELD	L.H.		1
26	6618358	SHIELD	R.H.		1
27	6661699	LUBRICANT	Gear – transmission		2
28	NAP	STRIP	Insulation – 34.25" (869,95mm) Long – Order Ref. 29		1
29	6554274	INSULATION	Bulk – Sold Per Foot		x
30	17C–688	BOLT	Was 17C–684 [A]		1
31	83D–6	NUT			1
32	6624726	SPACER			1
33	6627300	SHIELD	Was 6617883 [A]		1
34	6629521	INSTRUCTION	Mounting		1
35	17C–412	BOLT			3
36	85D–4	NUT			3
37	17C–508	BOLT			2
38	6617413	SUPPORT	Belly Pan – L.H.		1
39	6617470	PAN	Belly – L.H.		1



BOOM RAISING (ACCESSORIES)

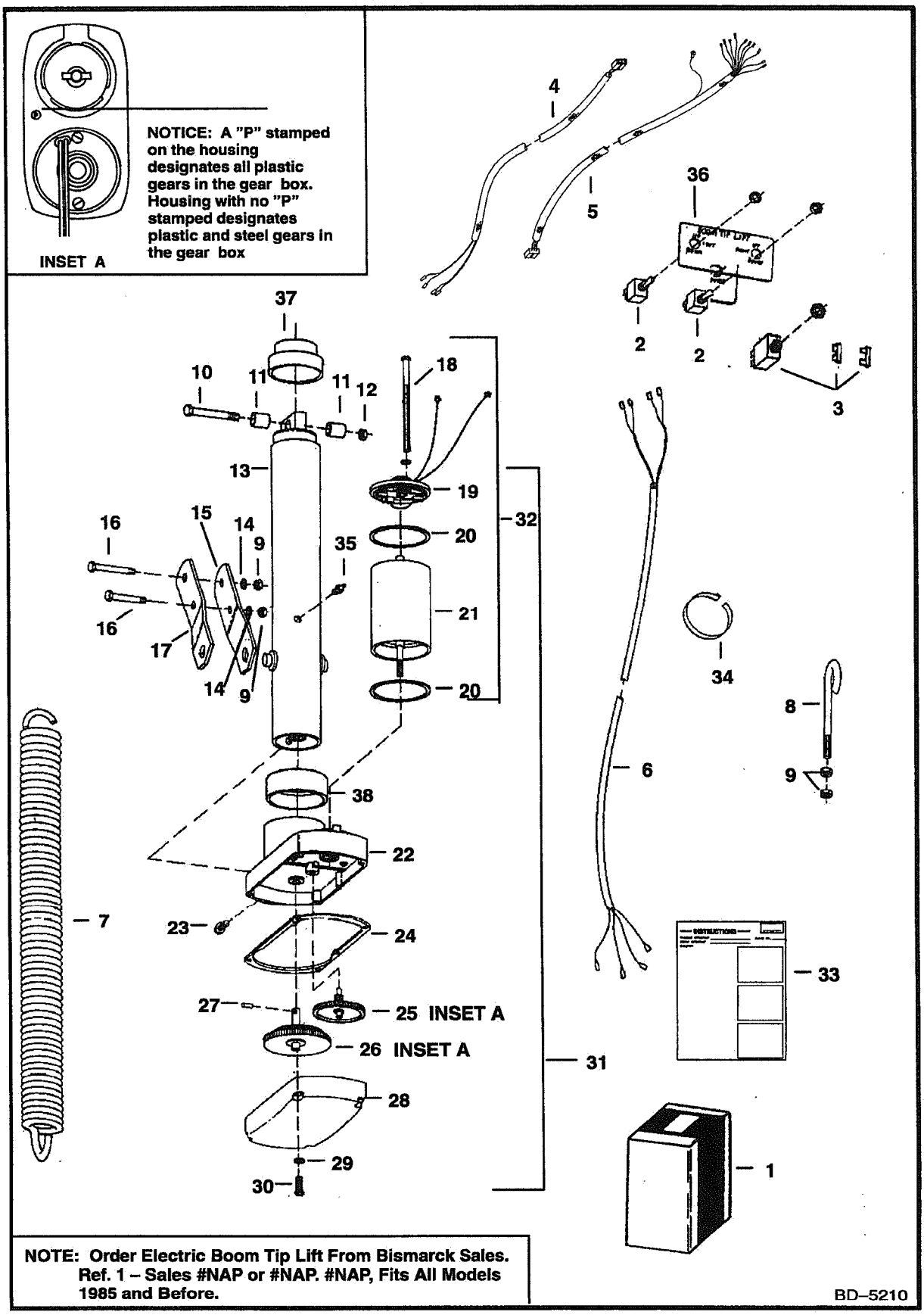
Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	NAP	BOOM	Raising – Was SALES – # 6624786		1
2	85D–8	NUT			12
3	25E–22	WASHER			12
4	6620133	U–BOLT			6
5	42H–8	CLAMP			6
6	NAP	HOSE	Boom Feeder Extension – 87" (2209,8mm) Long – Order Ref. 14		1
7	6624264	MENDER	Hose		3
8	NAP	WIRE ASSY.	Was 6624789 [A]		2
9	17C–616	BOLT			8
10	85D–6	NUT			8
11	27E–6	WASHER			8
12	NAP	PLATE	Was 6624790 [A]		1
13	6619931	INSTRUCTIONS	Mounting		1
14	6624635	HOSE – 5/8" ID	Bulk – Sold Per Foot		x
15	NAP	UPRIGHT	Was 6624791 [A]		1



BOOM SUPPORT CABLE
(ACCESSORIES)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	SALES	KIT	Boom Support Cable – Ref. 2–14		1
2	6616857	CLAMP	Cable		8
3	6625491	TURNBUCKLE			4
4	25E–29	WASHER			4
5	17C–10208	BOLT			2
6	6625487	SLEEVE			2
7	6511027	THIMBLE	Wire Rope		4
8	6625486	BRACKET			2
9	85D–6	NUT			4
10	25E–18	WASHER			4
11	17C–616	BOLT			4
12	6607924	CABLE	228" (5791,2mm) long –Cut As Required		4
13	6504996	NUT	L.H. thread		4
	61D–6	NUT			4
14	6619995	INSTRUCTIONS	Mounting		1

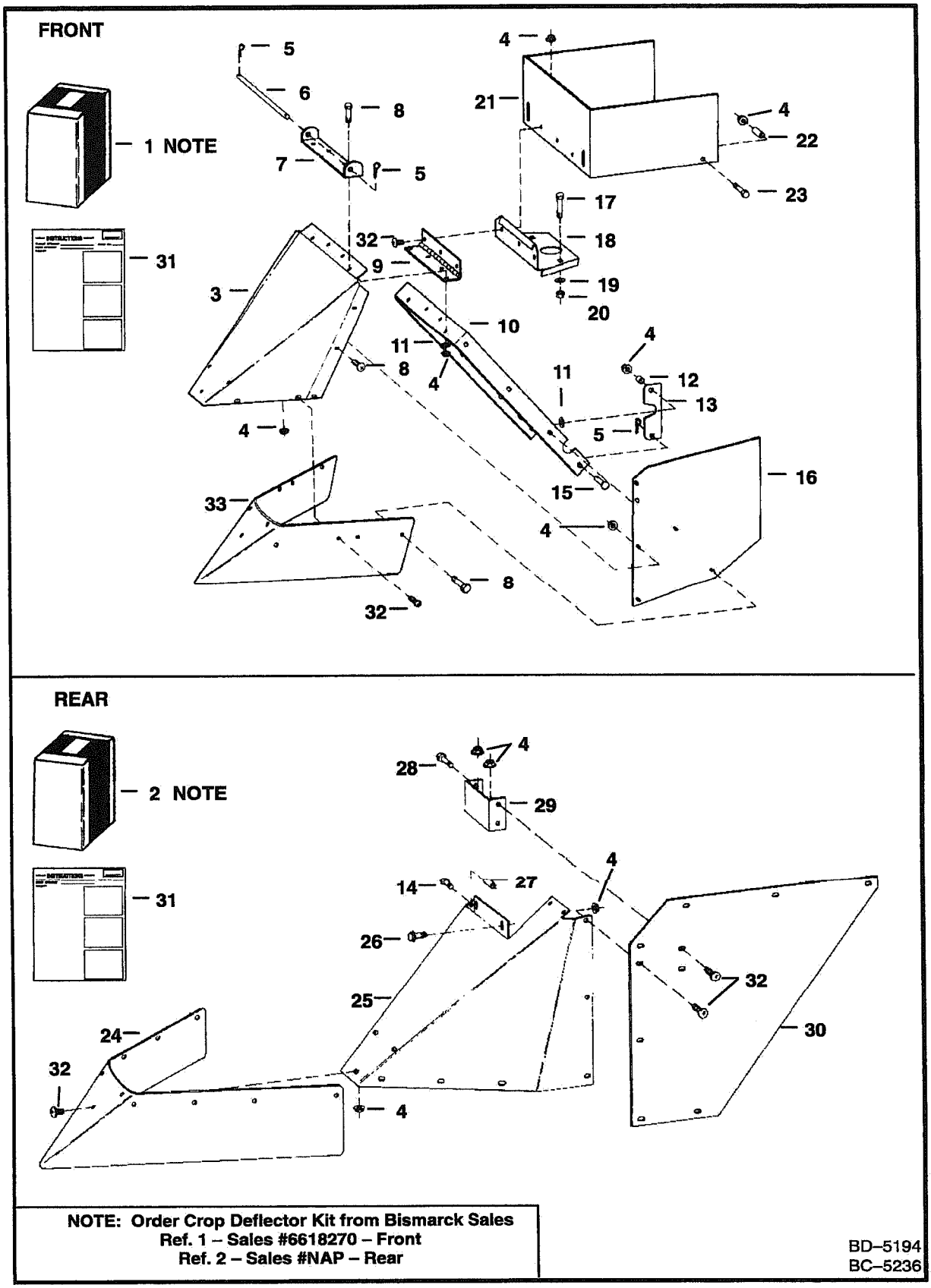
BOOM TIP LIFT – ELECTRIC
(ACCESSORIES)



BOOM TIP LIFT – ELECTRIC (Cont'd)
(ACCESSORIES)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1*	NAP	KIT	Electric Boom Tip Lift W/Ref. 2–36 – Was SALES Dept. – #6625564 & #6624857[A]		1
2	6599331	SWITCH	Toggle Reversing – W/Mounting Hex Nuts		2
3	6599612	CIRCUIT BREAKER		5555 & Bel. Only	1
	6625597	FUSE	Blade Type 30 Amp.		2
4	6624861	HARNESS	Boom Tip Actuator Rear	5555 & Bel. Only	1
5	6624860	HARNESS	Boom Tip Actuator Front	5555 & Bel. Only	1
6	6625565	HARNESS	Boom Tip Actuator	5556 thru 6537 & 220–208911001 & 230–209011001 & Above	1
7	6620639	SPRING	Boom Lift		4
8	6620545	BOLT	Eye		4
9	61D–6	NUT			12
10	17C–852	BOLT			2
11	6624865	TUBE	Spacer		4
12	85D–8	NUT			2
13	6630955	BARREL	Actuator 4" Stroke		1
14	4E–6	WASHER			4
15	6624863	PLATE	Left Hand		2
16	17C–648	BOLT			4
17	6624864	PLATE	Right Hand		2
18	6624785	SCREW	Motor Mounting		2
19	6624783	END PLATE	W/Brushes		1
20	6624784	GASKET	Motor		2
21	NSS	MOTOR BODY	Order Ref. 32		1
22	NSS	HOUSING	Lower Gearbox – Order Ref. 31		1
23	61G–616	SCREW			1
24	6630442	GASKET			1
25	6630445	GEAR	Double Intermediate – Plastic & Plastic – See Inset A		1
26	6630446	GEAR	Clutch – Plastic – See Inset A		1
27	17J–314	PIN			1
28	NAP	COVER	Gearbox – Order Ref. 31		1
29	17E–10	WASHER			4
30	41G–1012	SCREW	Machine		4
31	6599319	GEARBOX	Assy. – Includes Ref. 22–30 & 32		1
32	6512953	MOTOR	Assy. – Includes Ref. 18–21		1
33	6619966	INSTRUCTION	mounting		1
34	6624289	NYLON TIE			10
35	6527380	GREASE ZERK			1
36	6624851	DECAL	Boom Tip Lift		1
37	6660142	BOOT			1
38	6660168	SEAL	Dust		1

CROP DEFLECTORS
220 W/Single Front Wheel – Only
(ACCESSORIES)



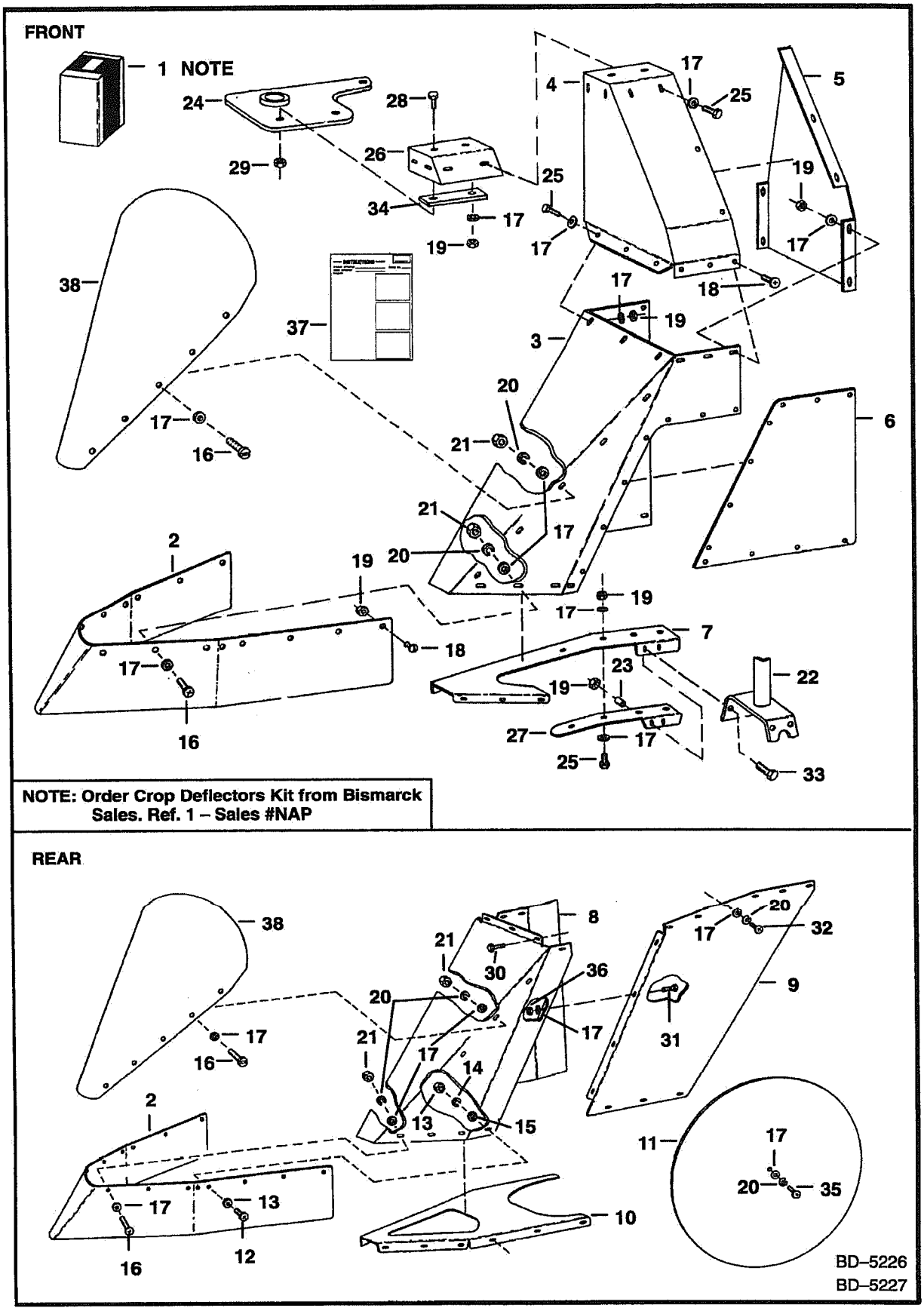
NOTE: Order Crop Deflector Kit from Bismarck Sales
Ref. 1 – Sales #6618270 – Front
Ref. 2 – Sales #NAP – Rear

BD–5194
BC–5236

CROP DEFLECTORS (Cont'd)
220 W/Single Front Wheel – Only
(ACCESSORIES)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	SALES	KIT	Deflectors – Front – Ref. 3–13, 5–23, 32–33		1
2*	NAP	KIT	Deflectors – Rear – Ref. 4, 14, 24, 25–32 – Was SALES Dept. – #6618268 [A]		1
3	6625144	DEFLECTOR	Front		1
4	6599334	NUT			76
5	1318565	HAIR PIN			4
6	6625152	PIN			1
7	6625149	BRACKET			1
8	17C–620	BOLT			4
9	6625150	HINGE			1
10	6625148	SUPPORT	Main		1
11	25E–18	WASHER			8
12	6618285	SPACER	Cut to fit – is 45" – Was 6523269 [A]		2
13	6623328	PLATE			2
14	17C–624	BOLT			4
15	2F–8127	CLEVIS PIN			2
16	6625145	PANEL			2
17	17C–1024	BOLT			2
18	6625146	BRACKET			1
19	25E–25	WASHER			2
20	85D–10	NUT			2
21	6625147	SHIELD			1
22	6564390	BUSHING			2
23	17C–644	BOLT			2
24	6625154	STRIP	Rubber Rear R.H		1
	6625155	STRIP	Rubber Rear L.H		1
25	6625142	DEFLECTOR	Rear R.H		1
	6625143	DEFLECTOR	Rear L.H		1
26	84G–3712	BOLT			4
27	662150	SPACER			2
28	17C–616	BOLT			4
29	6625141	CHANNEL	Crop Guard		2
30	6625140	PANEL	Rear Deflector		2
31	6619924	INSTRUCTION	mounting		1
32	91G–612	BOLT			64
33	6625153	STRIP	Rubber – Front		1

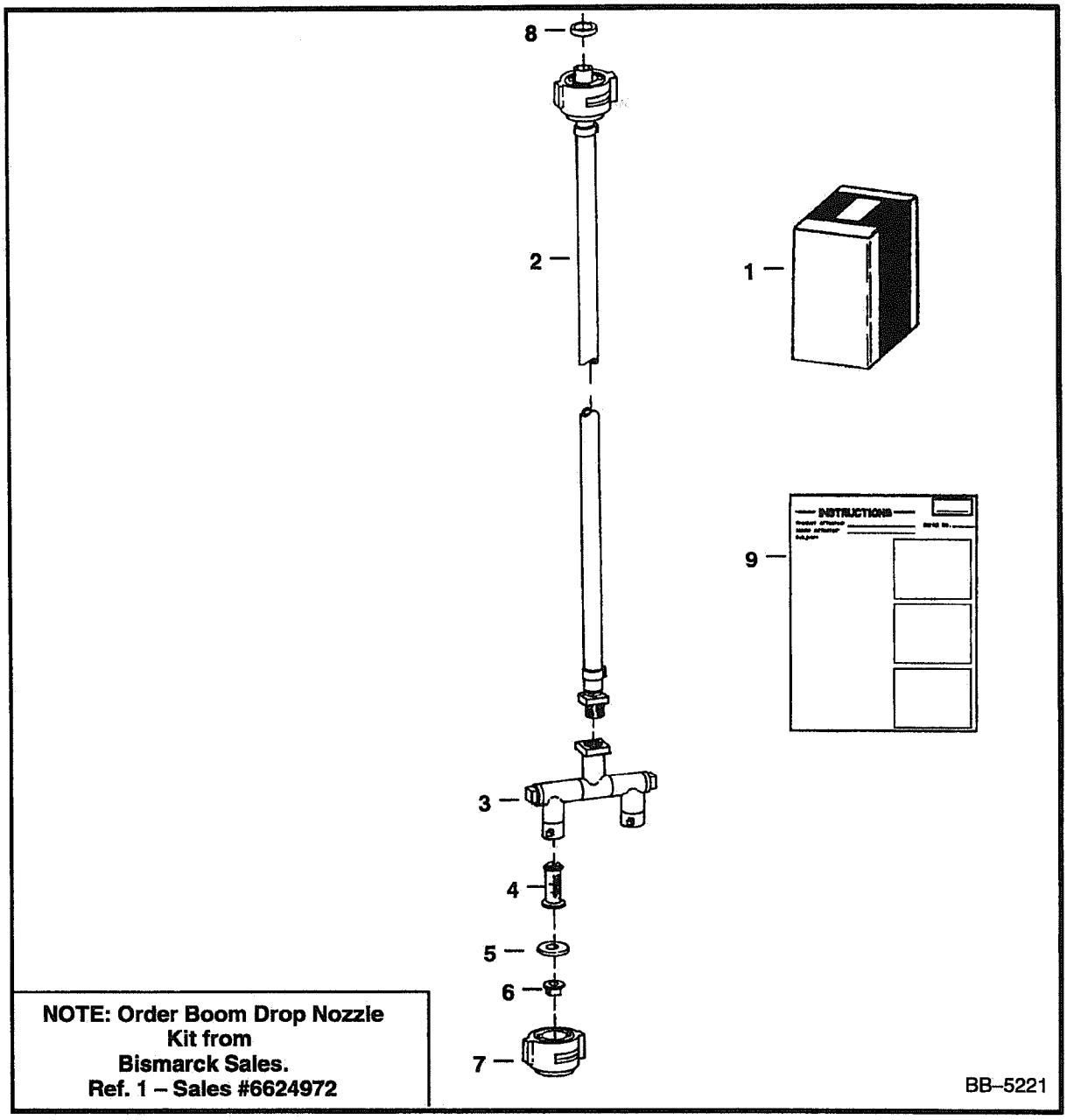
CROP DEFLECTORS – FRONT, REAR – MODEL 230
(ACCESSORIES)



NOTE: Order Crop Deflectors Kit from Bismarck Sales. Ref. 1 – Sales #NAP

CROP DEFLECTORS – FRONT, REAR – MODEL 230 (Cont'd)
(ACCESSORIES)

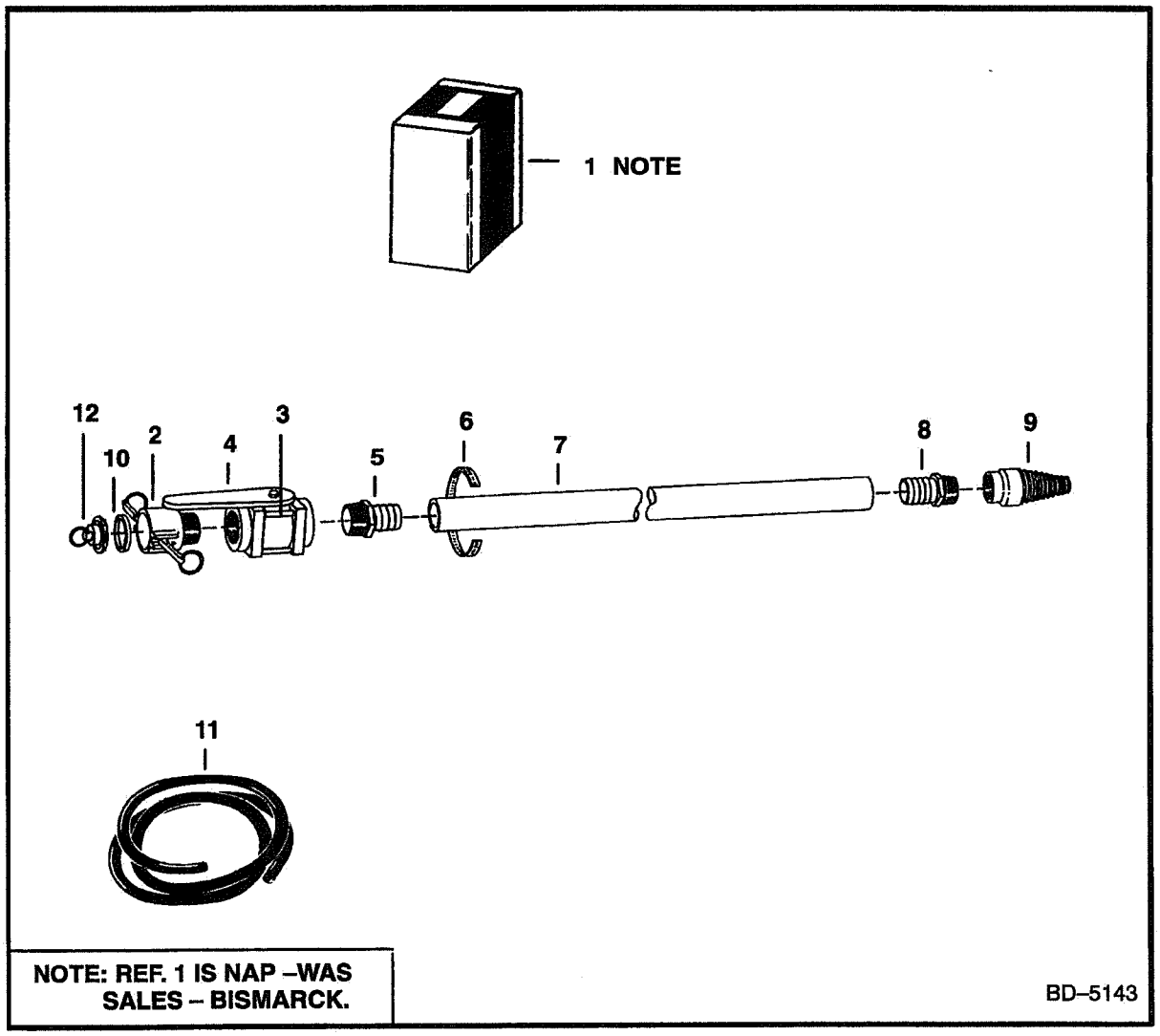
Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	NAP	KIT	Crop Deflectors – Front, Rear – W/Ref. 2-21, 23, 25-38 – Was SALES – #6618266		1
2	6657731	APRON	Front and Back – Was 6617459		4
3	6617358	WRAPAROUND	Front – R.H.		1
	6617461	WRAPAROUND	Front – L.H.		1
4	6617359	TOP	R.H.		1
	6617462	TOP	L.H.		1
5	6617368	SUPPORT	Top – R.H.		1
	6617362	SUPPORT	Top – L.H.		1
6	6617460	COVER	Front		2
7	6617411	BRACE	Front – R.H.		1
	6617464	BRACE	Front – L.H.		1
8	6617532	WRAPAROUND	Rear – R.H.		1
	6617531	WRAPAROUND	Rear – L.H.		1
9	6617521	COVER	Rear – L.H.		1
	6617522	COVER	Rear – R.H.		1
10	6617534	BRACE	Rear – R.H.		1
	6617533	BRACE	Rear – L.H.		1
11	6617676	SHIELD	Wheel		2
12	91G–516	BOLT	Pan Head Machine 5/16" x 1"		8
13	25E–16	WASHER	Flat 5/16"		16
14	4E–5	WASHER	Lock 5/16"		8
15	61D–5	NUT	Hex 5/16"		8
16	91G–616	BOLT	Pan Head Machine 3/8" x 1"		78
17	25E–18	WASHER	Flat 3/8"		256
18	35C–612	BOLT	Hex Flange Head 3/8" x 3/4"		38
19	83D–6	NUT	Was 6512779 – Flange-Lock 3/8"		64
20	4E–6	WASHER	Lock 3/8"		100
21	61D–6	NUT	Hex 3/8"		82
22		SHAFT	King Pin – See Page E2, Ref. 41		x
23	6625316	SPACER			4
24		ARM	Steering – See Page E2, Ref. 30		x
25	35C–616	BOLT	Hex, flanged head 3/8" x 1"		26
26	6617723	SUPPORT	Top – R.H.		1
	6617722	SUPPORT	Top – L.H.		1
27	6617721	SUPPORT	Brace – R.H.		1
	6617720	SUPPORT	Brace – L.H.		1
28	35C–832	BOLT	Hex, Flanged head 1/2" x 2"		4
29	83D–8	NUT	Flange Lock 1/2"		4
30	84G–3716	BOLT	Washer Head 3/8" x 1"		6
31	17C–608	BOLT	Hex 3/8" x 1/2"		8
32	91G–612	BOLT	Pan Head Machine 3/8" x 3/4"		18
33	17C–636	BOLT	Hex 3/8" x 2 1/4"		4
34	6618349	PLATE			2
35	17C–664	BOLT	Hex 3/8" x 4"		2
36	85D–6	NUT	Lock 3/8"		38
37	6629516	INSTRUCTIONS	Mounting		1
38	6617463	DEFLECTOR	Front and Back		4



NOTE: Order Boom Drop Nozzle Kit from Bismarck Sales. Ref. 1 – Sales #6624972

DROP NOZZLE – BOOM (ACCESSORIES)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	SALES	KIT	Boom Drop Nozzle – W/Ref. 2–9		1
2	6624991	DROP TUBE	Includes Ref. 8		1
3	6631066	SWIVEL			1
4		STRAINER	See Page L2, Ref. 9		1
5	6630910	GASKET SEAT			2
6		TIP	Spray – See Page L2, Ref. 15		1
7	6631550	CAP	Quick Teejet		2
8	6631551	GASKET			1
9	6629525	INSTRUCTION	Mounting		1



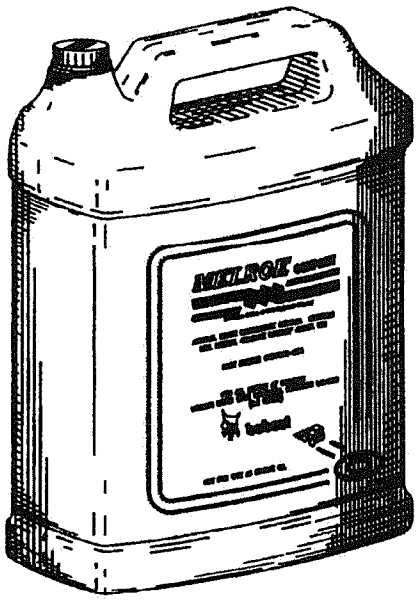
NOTE: REF. 1 IS NAP –WAS SALES – BISMARCK.

BD–5143

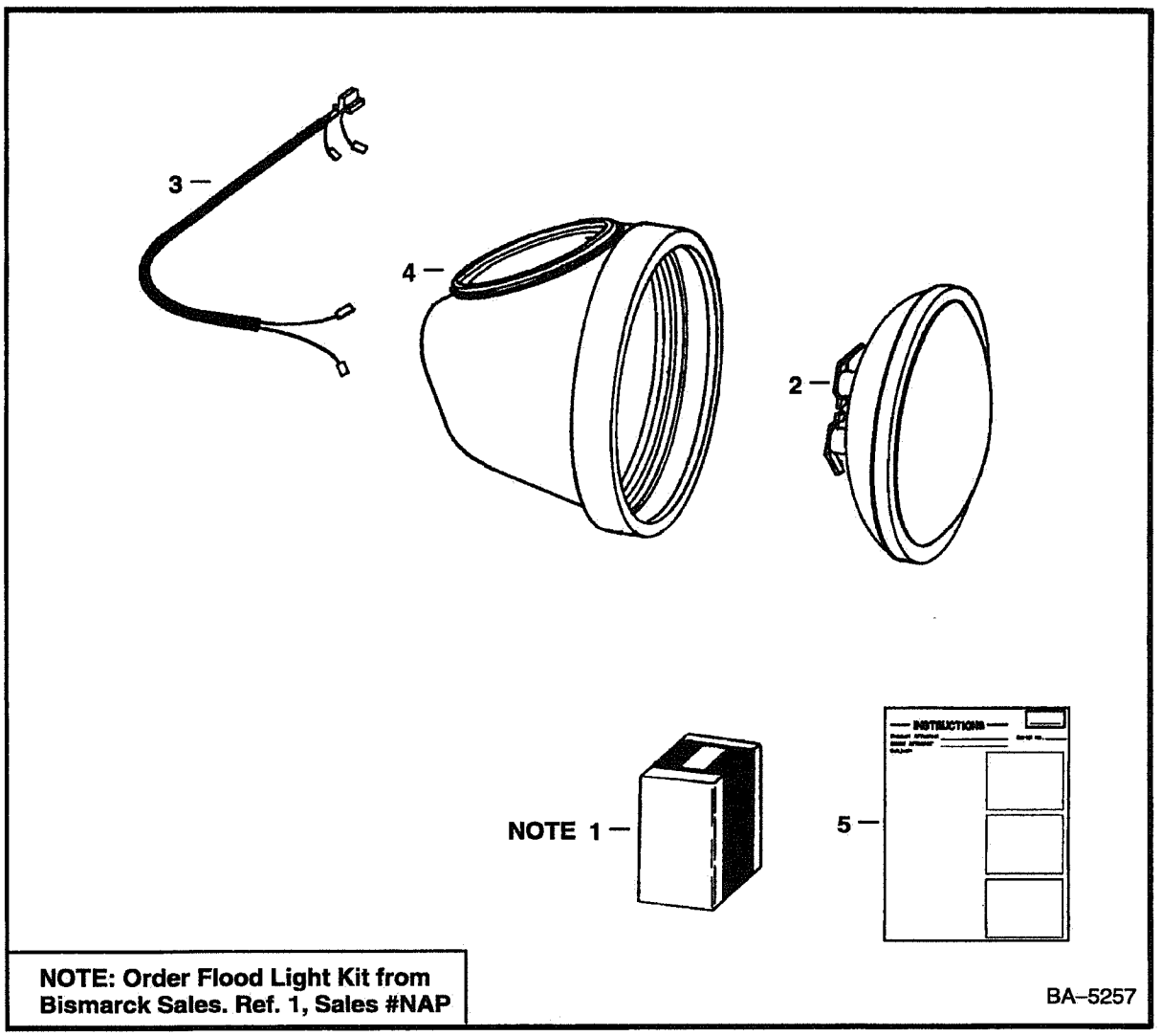
FILLER HOSE ATTACHMENT
Model 220 S/N 6537 & Below
(ACCESSORIES)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	NAP	FILLER	Hose Attachment – Was Sales		1
2	6614965	COUPLER	Female 2–1/8" ID – W/Ref. 10		1
3	6624114	VALVE	Ball 1.50" – W/Ref. 4		1
4	6624377	HANDLE	Ball Valve		1
5	6512267	FITTING			1
6	42H–36	HOSE CLAMP			2
7	NAP	HOSE	20 ft. (6096mm) Long – Order Ref. 11		1
8	6512268	FITTING			1
9	6620495	VALVE	Foot 1–1/4" NPT		1
10	6658537	O–RING	Coupler		1
11	6614241	HOSE – 1 1/2" ID	Bulk – Sold Per Foot – Was 6624525		x
12	6614964	PLUG	Coupler 2–1/8" Dia.		1

Melroe Hydraulic/Hydrostatic Fluid
is blended to our specifications
to meet or exceed requirements of our components.



Available from Melroe Parts.



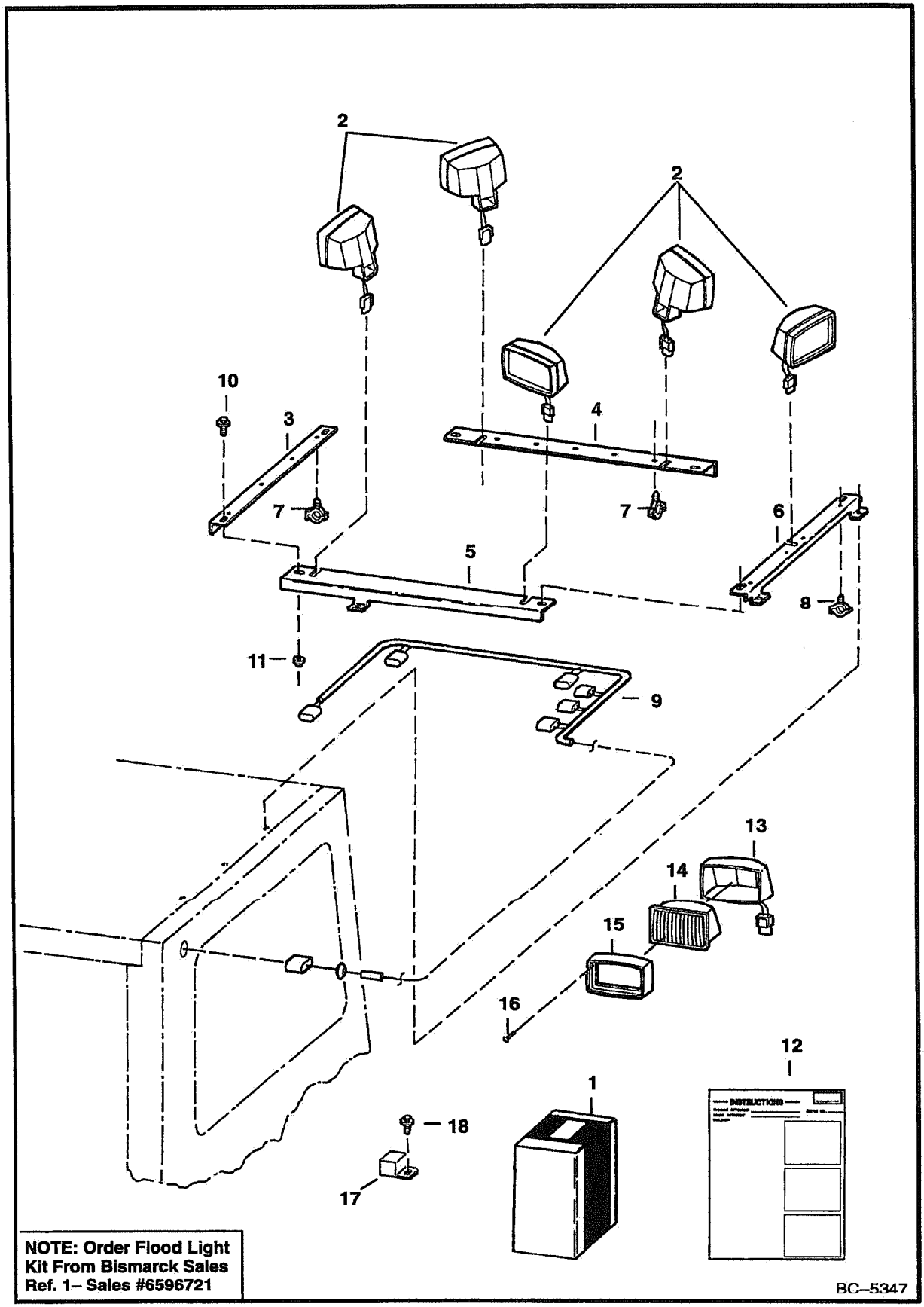
NOTE: Order Flood Light Kit from Bismarck Sales. Ref. 1, Sales #NAP

BA–5257

FLOOD LIGHT (ACCESSORIES)

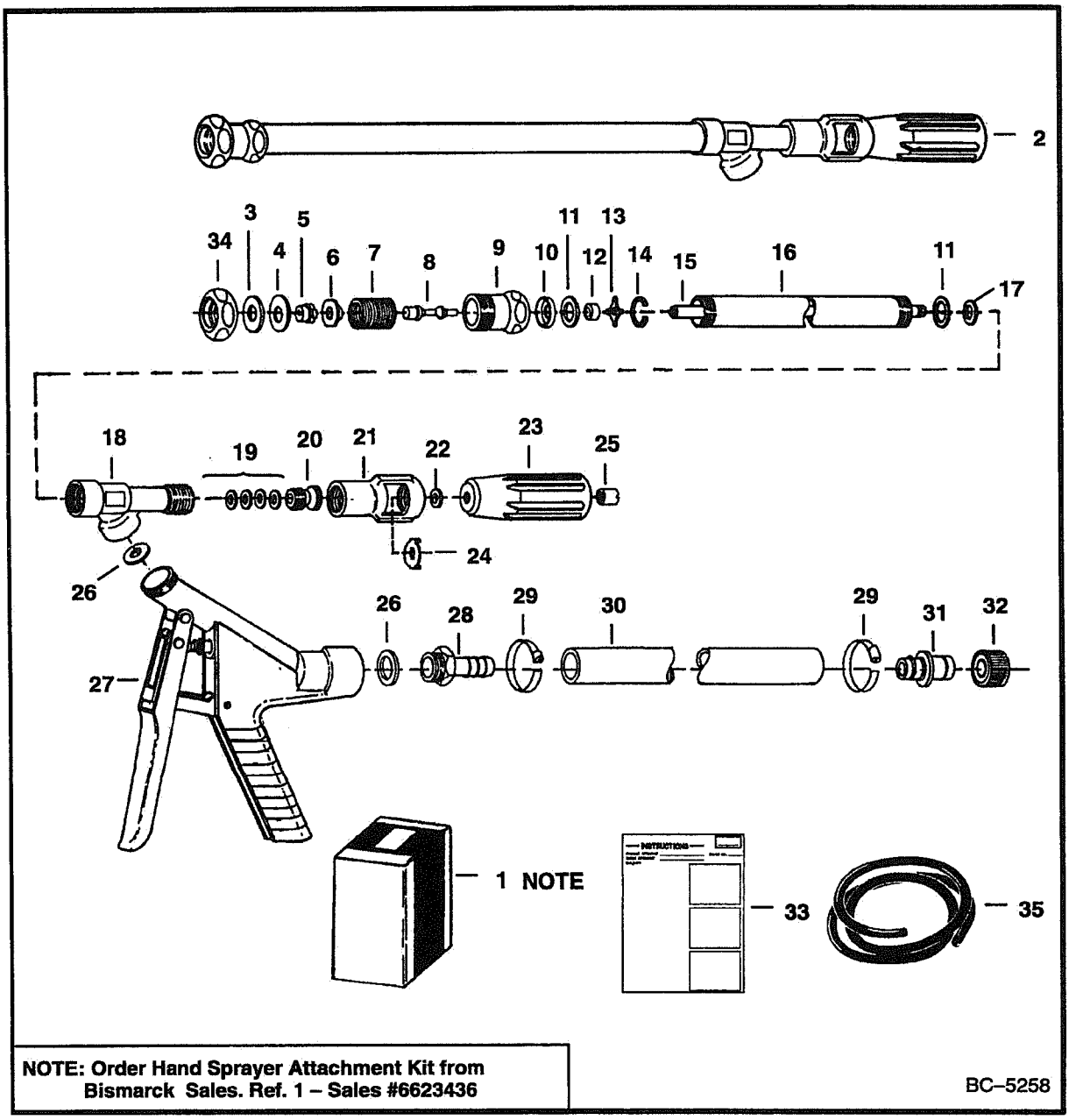
Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1*	NAP	KIT	Flood Light – Halogen – W/Ref. 2–5 – Was SALES Dept. – #6623435 [A]	208913954 & Bel	1
2	6618379	LAMP	Halogen		2
	6557486	LAMP	Regular		2
3	6618380	WIRE ASSEMBLY	Halogen Lamp		1
	6623226	WIRE ASSEMBLY	Used W/Regular Lamp		1
4	6558142	HOUSING	Lamp		2
5	6629524	INSTRUCTION	Mounting		1

FLOOD LIGHT
(ACCESSORIES)



FLOOD LIGHT (Cont'd)
(ACCESSORIES)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	SALES	KIT	Flood Light – W/Ref. 2–12, 17,18	208913955 & Abv.	1
2	6663952	LIGHT	Flood, Halogen, W/Ref. 13–16		5
3	6596406	BAR	Front Light		1
4	6596408	BAR	L.H. Light		1
5	6596407	BAR	R.H. Light		1
6	6596405	BAR	Rear Light		1
7	6630585	CLIP			5
8	6630586	CLIP			8
9	6596539	HARNESS			1
10	35C–612	BOLT			4
11	89D–6	NUT			4
12	6629567	INSTRUCTION	Mounting		1
13	NSS	HOUSING	Assembly – Order Ref. 2		1
14	6664266	BEAM	Sealed, Halogen		1
15	6664265	DOOR	Cover		1
16	6664267	SCREW			4
17	6723014	RELAY	40 AMP		1
18	58G–2520	SCREW			1



NOTE: Order Hand Sprayer Attachment Kit from Bismarck Sales. Ref. 1 – Sales #6623436

BC–5258

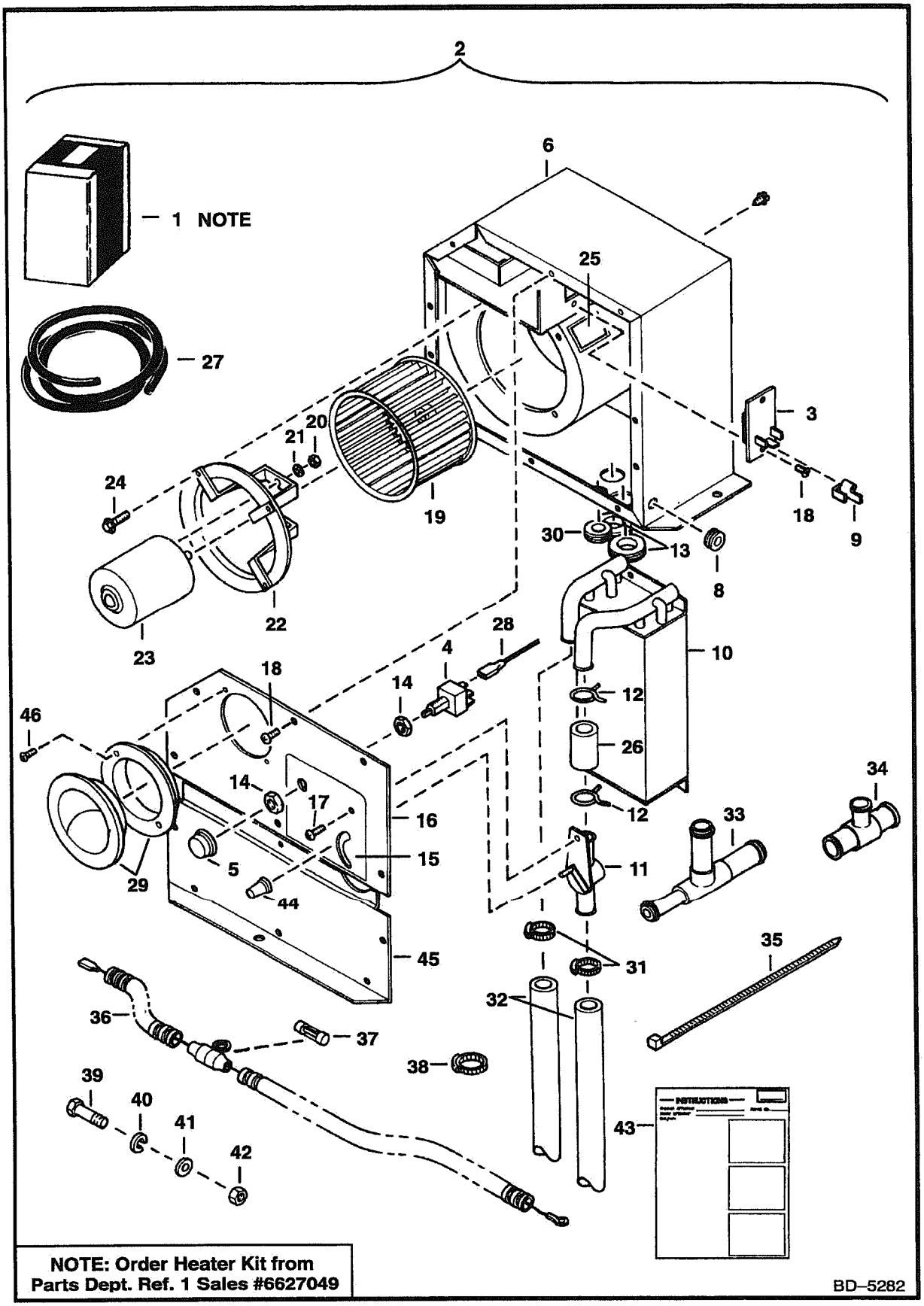
HANDSPRAYER ATTACHMENT (ACCESSORIES)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	SALES	KIT	Handsprayer Attachment – Ref. 2-34		1
2	6512073	GUN	Spray – Ref. 3–26, 34		1
3	6616863	DISC	Adapter		1
4	6616864	GASKET	Orifice Insert		1
5	6512075	ORIFICE	Disc		1
6	6599954	PLATE	Spring Pressure		1
7	6599955	SPRING	Coil		1
8	6599956	END	Adjusting Stem		1

HANDSPRAYER ATTACHMENT (Cont'd)
(ACCESSORIES)

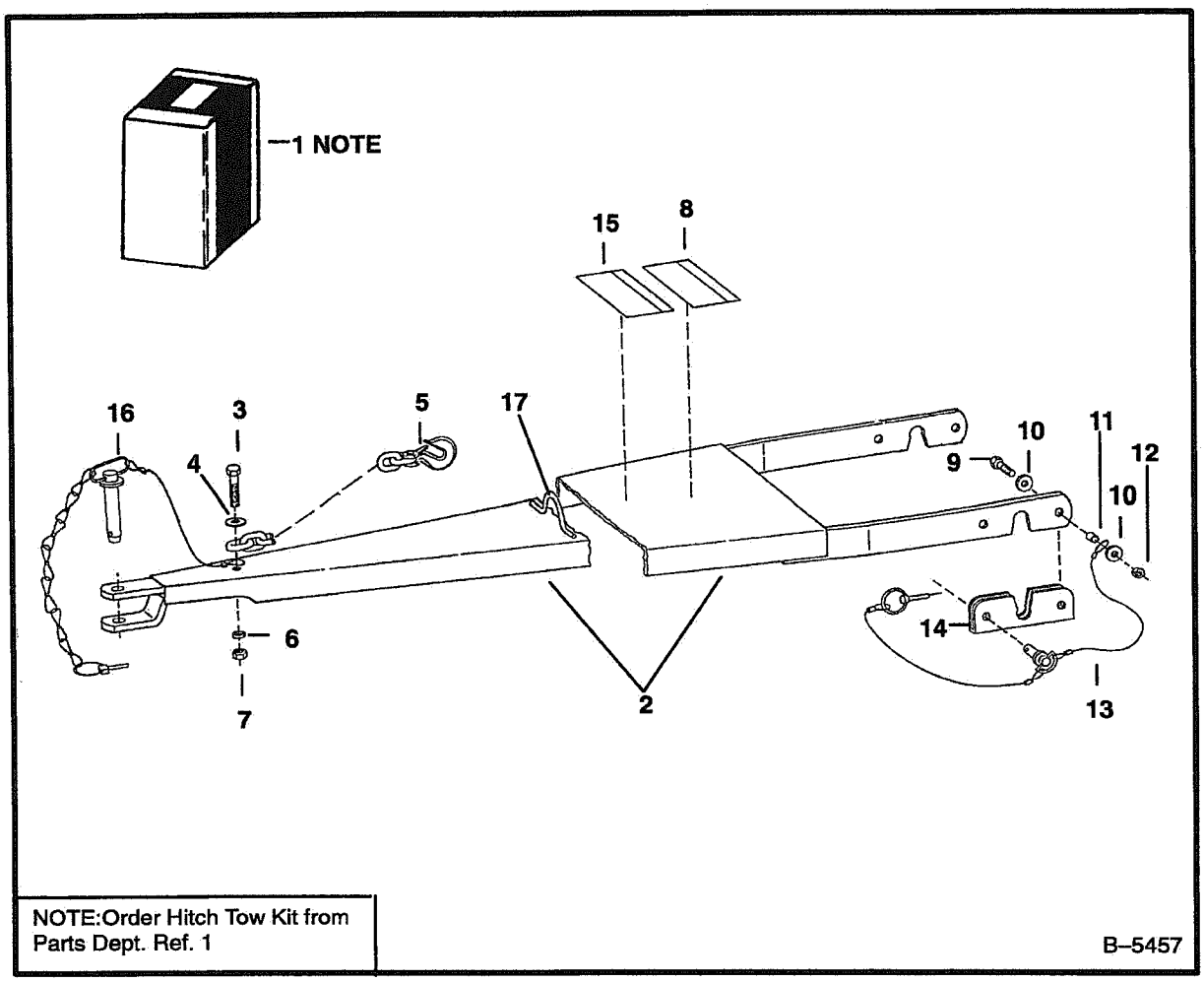
Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
9	6599957	HOUSING	Spray		1
10	6599958	COLLAR	Spring		1
11	6630146	GASKET	Spring Collar		2
12	6599959	PLATE	Nylon Seat		1
13	6599960	WASHER	Guide		1
14	6630147	SNAP RING			1
15	6599961	STEM	Adjusting		1
16	6599962	TUBING			1
17	6630149	RING	Retaining		1
18	6599963	BODY	Inlet		1
19	6630148	PACKING			4
20	6599964	SCREW	Packing		1
21	6599965	SLEEVE	Adjusting		1
22	6630150	WASHER	Hand Grip		1
23	6599966	GRIP	Hand		1
24	6599967	COLLAR	Adjusting Sleeve		1
25	6599968	NUT	Hand Grip		1
26	6610999	WASHER	Garden Hose		2
27	6512074	VALVE	Trigger – W/One Ref. 26		1
28	6511088	FITTING	Adapter		1
29	44H–12	HOSE CLAMP			2
30	NAP	HOSE	240" (6096mm) Long – Order Ref. 35		1
31	6624273	CONNECTOR			1
32	6624270	NUT			1
33	6619980	INSTRUCTION	Mounting		1
34	6616862	CAP	Orifice Insert		1
35	6623342	HOSE – 3/4" ID	Bulk – Sold Per Foot		x

HEATER KIT
(ACCESSORIES)



HEATER KIT (Cont'd)
(ACCESSORIES)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6627049	KIT	Heater W/Ref. 2–26, 28–46		1
2	6663968	HEATER	3 Speed – W/Ref. 3–11, 14–25, 29, 44, 46		1
3	6632584	RESISTOR			1
4	6660659	SWITCH	3 Speed		1
5	6660822	KNOB	Switch		1
6	6664345	HOUSING			1
7	6654195	SCREW			4
8	6654196	GROMMET			1
9	6660654	CONNECTOR			1
10	6654790	CORE	Heater		1
11	6654792	VALVE	Shut Off		1
12	6654192	CLAMP			2
13	6641056	GROMMET			2
14	6624435	NUT			2
15	6664343	DECAL			1
16	6664346	COVER	Top		1
17	85G–808	BOLT			1
18	6641066	SCREW			11
19	6648468	WHEEL	Blower		1
20	6641073	NUT			2
21	6641072	WASHER			2
22	6648467	MOUNT	Motor		1
23	6660658	MOTOR	12V – 3 Speed		1
24	6641062	BOLT			2
25	6660656	DECAL			1
26	NAP	HOSE	4" (101,6mm) Long – Order Ref. 27		
27	889269	HOSE – 5/8" ID	Bulk – Sold Per Foot		x
28	NSS	WIRE	14 Ga. – Purchase Locally		4
29	6664342	LOUVER			1
30	731972	GROMMET			2
31	42H–10	CLAMP	Hose		7
32	NAP	HOSE	216" (5486,4mm) Long – Order Ref. 27		2
33*	6648485	TEE	1/2" x 5/8" x 5/8" – Was 6564697 [A]		1
34	6662895	TEE	3/4" x 5/8" x 3/4"		1
35	6610510	NYLON TIE			5
36	6627157	HARNESS	W/Ref. 37		1
37	6586498	FUSE	15 Amp.		1
38	42H–12	HOSE CLAMP			2
39	17C–616	BOLT			2
40	4E–6	WASHER			2
41	25E–16	WASHER			2
42	61D–6	NUT			2
43	6629546	INSTRUCTION	Mounting		1
44	6660881	KNOB			1
45	6664347	COVER	Bottom		1
46	6662678	SCREW			4

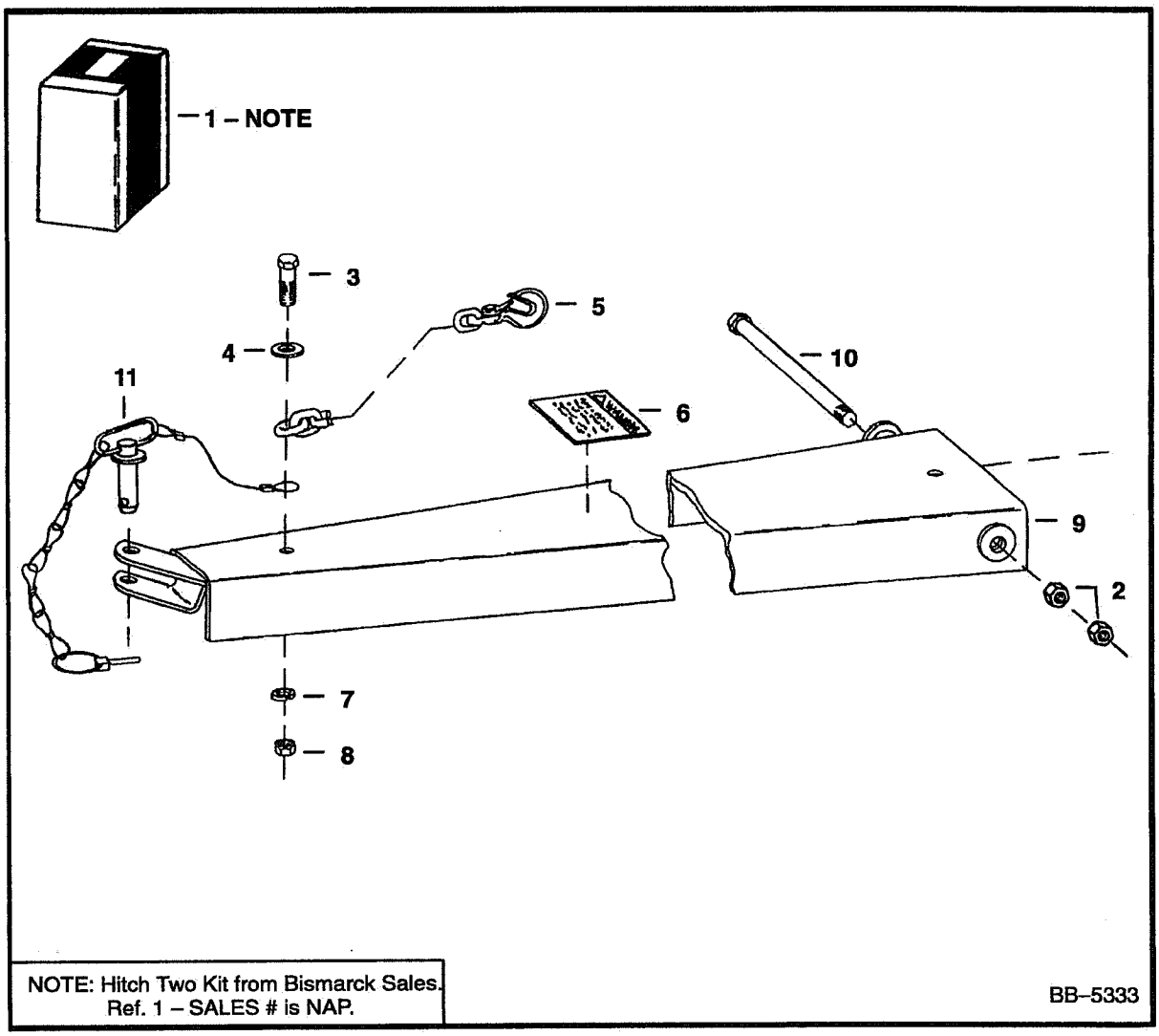


NOTE:Order Hitch Tow Kit from Parts Dept. Ref. 1

B–5457

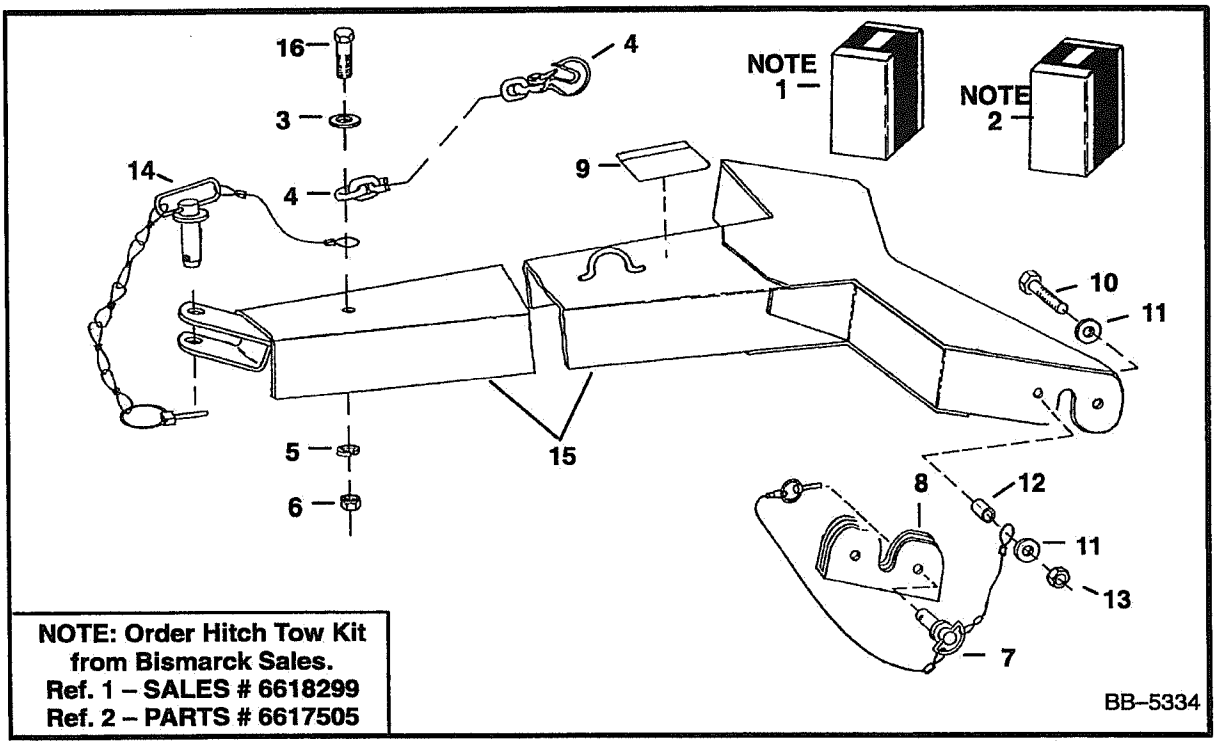
HITCH TOW – SINGLE FRONT – 220 (ACCESSORIES)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1*	6723024	KIT	Tow Hitch – W/Ref. 2–17 – Was 6624547 [A]		1
2	NSS	HITCH	Order Ref. 1		1
3	17C–832	BOLT	Was 17C–836 [A]		1
4	6515817	WASHER			1
5	6661102	CHAIN.	W/Hook – Was 6660450 [A]		1
6	4E–8	WASHER			1
7	61D–8	NUT			1
8	6626170	DECAL	warning – Was 6618342 [A]		1
9	17C–624	BOLT			2
10	25E–18	WASHER			4
11	6618285	SPACER			2
12	85D–6	NUT			2
13	6850039	PIN	Assy. – Was 6655815 [A]		2
14	6623328	PLATE			4
15	6626219	DECAL	Important		1
16	6655816	PIN ASSY.			1
17	NAP	LOOP – TIE DOWN	Weld on – Was 6608402		1



HITCH – TOW – 220
Wide Front Wheels – Model 220 – S/N 6537 & S/N 208911890 & Below
(ACCESSORIES)

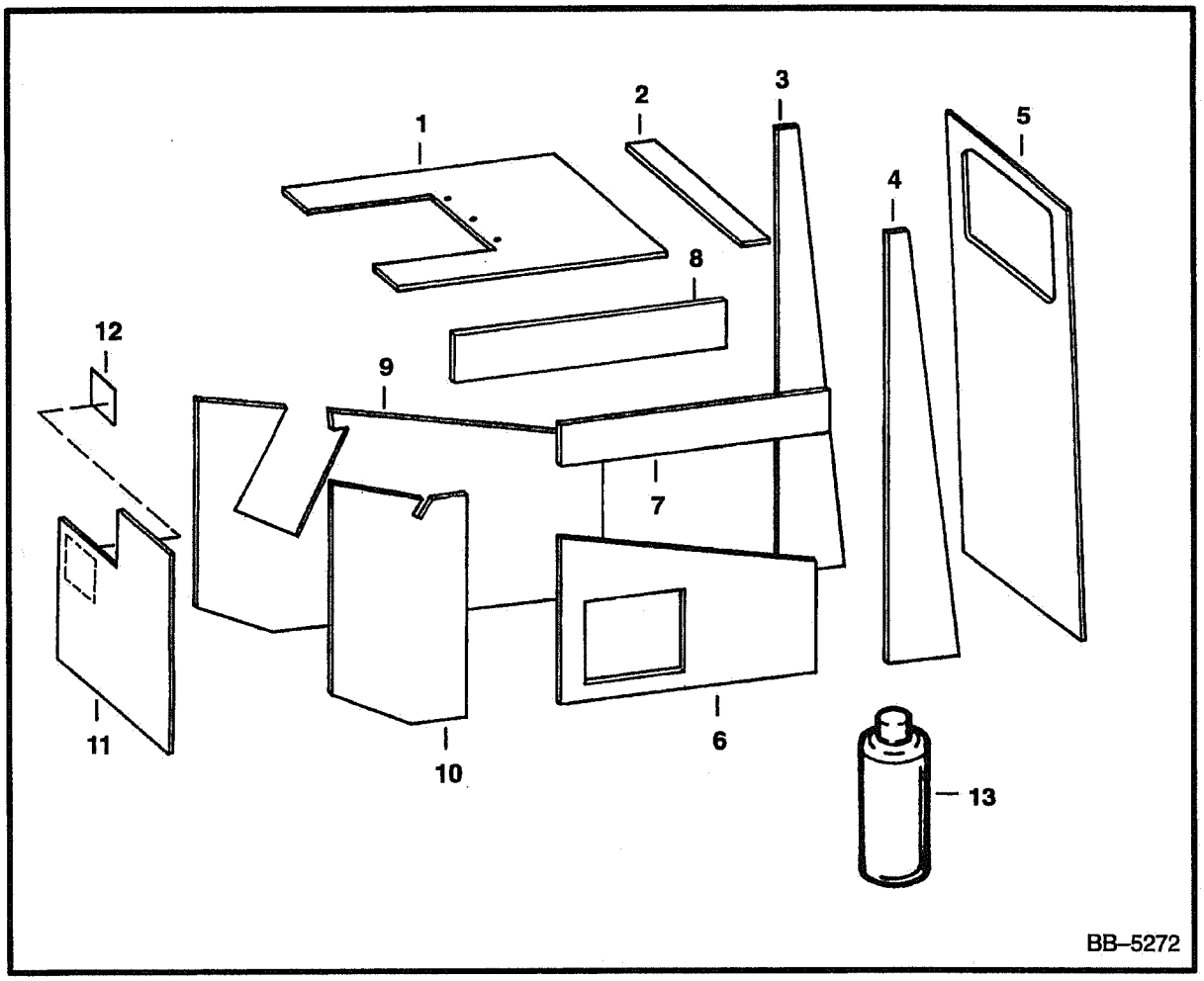
Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	NAP	KIT	Tow Hitch W/Ref. 2 – 11		1
2	85D–12	NUT			2
3	17C–836	BOLT			1
4	6515817	WASHER			1
5	6661102	CHAIN	W/Hook – Was 6660450 [A]		1
6	6626170	DECAL	Warning – Was 6618342 [A]		1
7	4E–8	WASHER			3
8	61D–8	NUT			1
9	6624929	HITCH	Also Order Ref. 6		1
10	6624962	BOLT			1
11	6655816	PIN ASSY.			1



NOTE: Order Hitch Tow Kit from Bismarck Sales.
Ref. 1 – SALES # 6618299
Ref. 2 – PARTS # 6617505

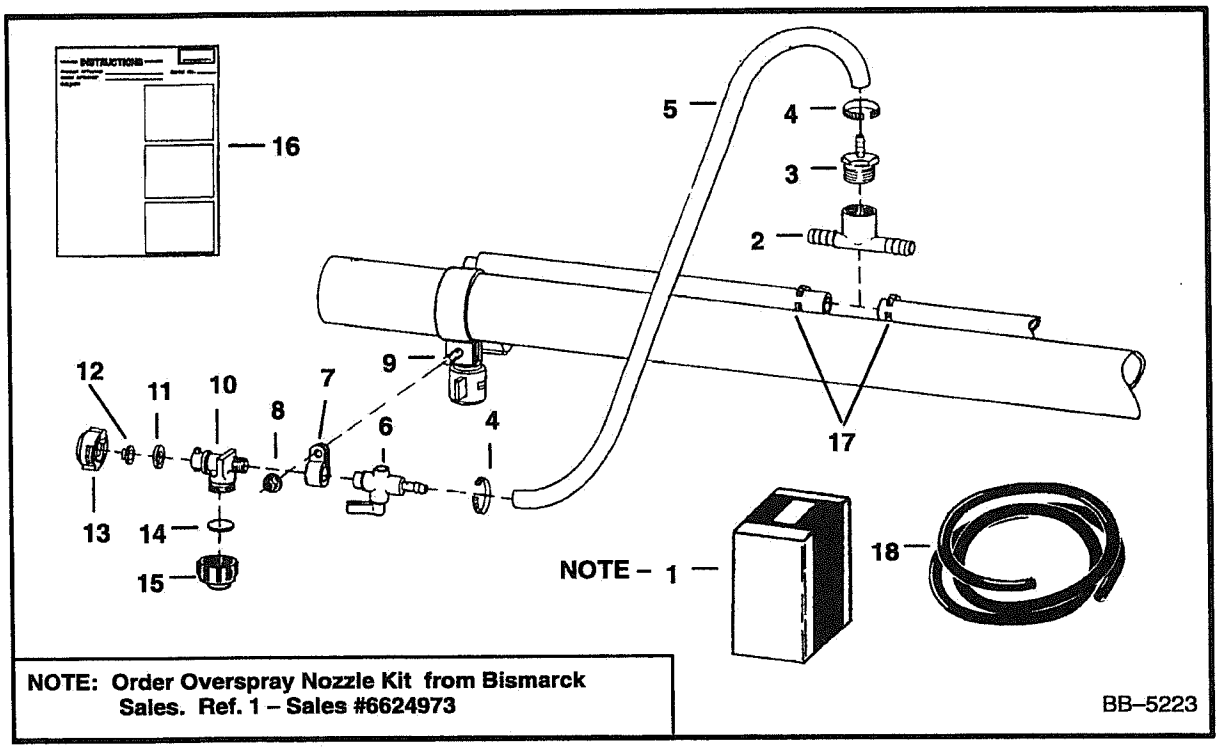
HITCH – TOW – WIDE FRONT – 220,230
Model 220 – S/N 208911891 & Above & Model 230
(ACCESSORIES)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	SALES	KIT – 220	Tow Hitch W/Ref. 3 – 16 – Was 6626114 [A]		1
2	PARTS	KIT – 230	Tow Hitch W/Ref. 3 – 16 – Was 6626112 [A]		1
3	6515817	WASHER			1
4	6661102	CHAIN	W/Hook – Was 6660450 [A]		1
5	4E–8	WASHER			1
6	61D–8	NUT			1
7	6850039	PIN ASSY.	Was 6655815 [A]		2
8	6623328	PLATE	Side		4
9	6626170	DECAL	warning – Was 6616342 [A]		1
	6626219	DECAL	important		1
10	17C–624	BOLT			2
11	25E–18	WASHER			4
12	6618285	SPACER			2
13	85D–6	NUT			2
14	6655816	PIN ASSY.			1
15	NSS	HITCH	Order Ref. 1 – 220 , REF. 2 – 230		1
16	17C–836	BOLT	Was 17C–832 [A]		1



INSULATED PANELS – CAB

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6617224	PANEL	Roof		1
2	6617216	PANEL	Roof		1
3	6617221	PANEL	Rear – R.H.		1
4	6617220	PANEL	Rear – L.H.		1
5	6617218	PANEL	Rear		1
6	6617222	PANEL	Door		1
7	6617223	PANEL	Upper Side – L.H.		1
8	6617225	PANEL	Upper Side – R.H.		1
9	6617217	PANEL	Side – R.H.		1
10	6617219	PANEL	Front Side – L.H.		1
11	6617226	PANEL	Front		1
12	6625160	DECAL	Fuse Box – Used on machine with electric boom controls		1
	6618243	DECAL	Fuse Box – Used on machine with hydraulic boom controls		1
13	6652818	ADHESIVE	Aerosol Can – 24 oz. – Was 6632469 [A]		x

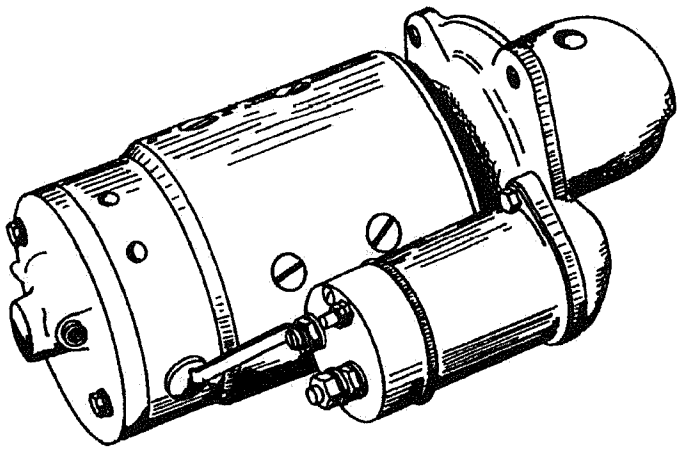


NOTE: Order Overspray Nozzle Kit from Bismarck Sales. Ref. 1 – Sales #6624973

OVERSPRAY NOZZLE (ACCESSORIES)

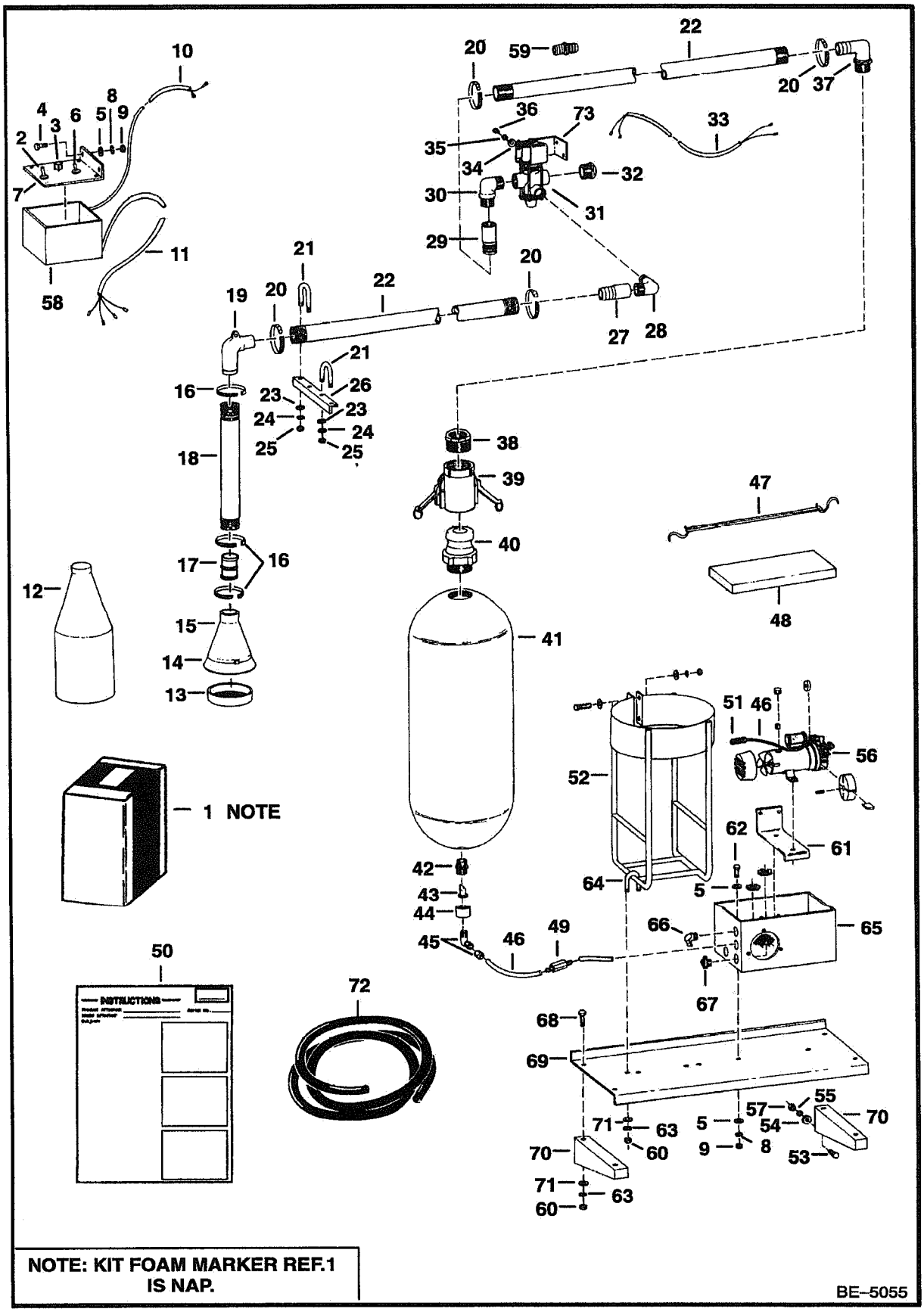
Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	SALES	KIT	Overspray – Ref. 2–17		1
2	6630914	TEE			2
3	6630915	FITTING			2
4	42H–6	HOSE CLAMP			4
5	NAP	HOSE	20" (508mm) Long–Order Ref. 18		2
6	6631491	VALVE	Ball		2
7	30H–45	CLAMP	Insulated		2
8	83D–4	NUT			2
9	7C–416	BOLT			2
10	6631481	CHECK VALVE	Includes Ref. 14 & 15		2
11	6630910	GASKET SEAT			2
12	6610341	TIP	Brass 200 (OC–2 – 33047–1)		2
	6610348	TIP	Brass 600 (OC–6 – 31614–19)		2
	6610342	TIP	Brass 800 (OC–8 – 33047–9)		2
	6610343	TIP	Brass 1200 (OC–12 – 33047–11)		2
13	6659606	CAP			2
14	6633638	DIAPHRAGM			1
15	6633637	RETAINER			1
16	6619981	INSTRUCTIONS	mounting – Was 6619949 [A]		1
17	44H–12	HOSE CLAMP			4
18	6624938	HOSE – 3/8" ID	Bulk – Sold Per Foot		x

Both new and rebuilt starters are available from Melroe.



Available from Melroe Parts.

FOAM MARKER – MODEL SC515
(ACCESSORIES)



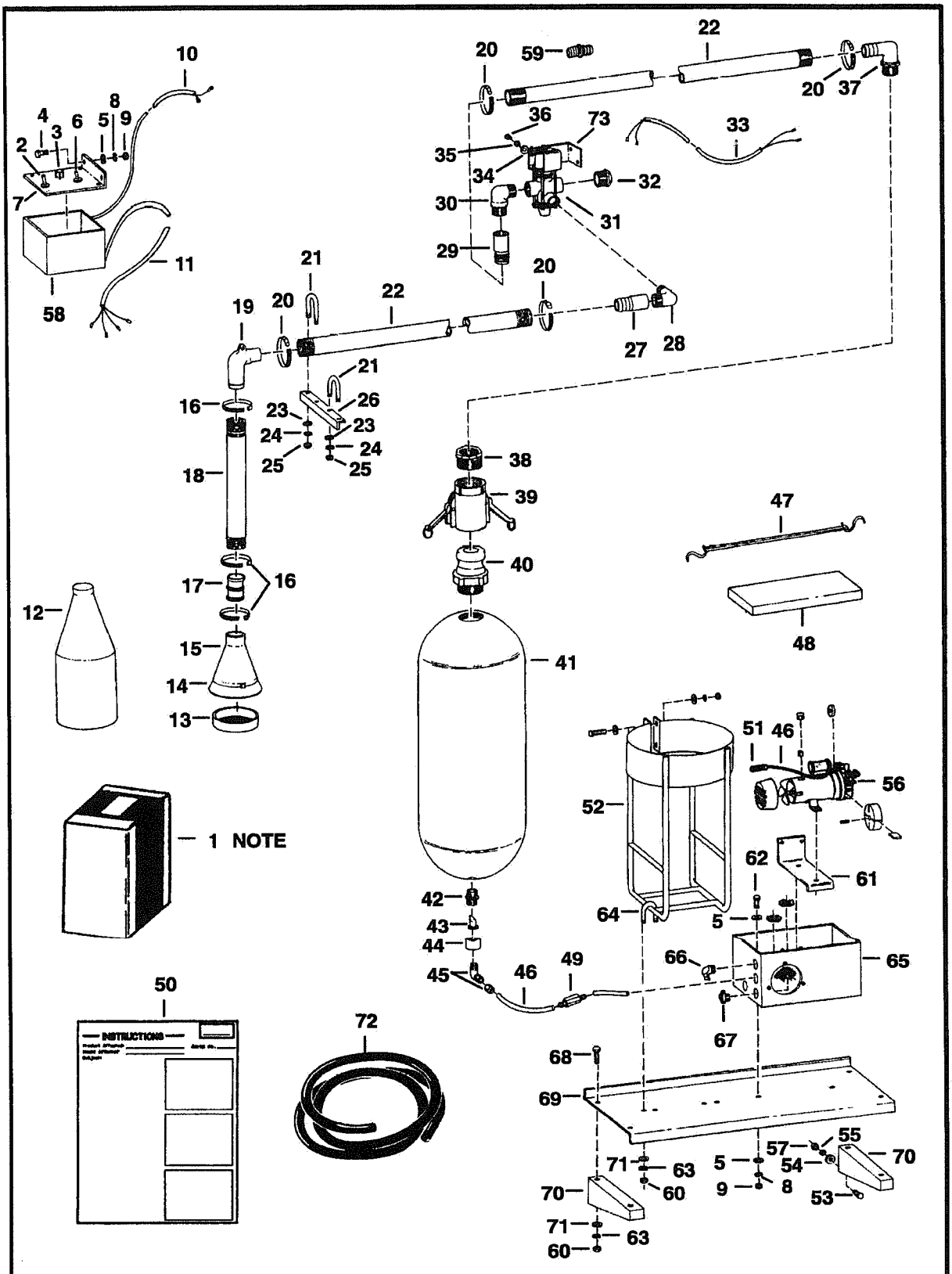
NOTE: KIT FOAM MARKER REF.1 IS NAP.

BE–5055

FOAM MARKER – MODEL SC515 (Cont'd)
(ACCESSORIES)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	NAP	KIT	Foam Marker W/Ref. 2 – 11 & 13 – 73 – Was Sales – #6624952		
2	6632502	SWITCH	OnOff		1
3	6632511	FUSE HOLDER	Type 25 amp AGC Fuse		1
4	17C–412	BOLT			2
5	25E–13	WASHER			6
6	6632503	SWITCH	Side Selector		1
7	6632497	FACE PLATE	W/Mounting Hardware		1
8	4E–4	WASHER			4
9	61D–4	NUT			4
10	6632498	CABLE	Battery, 2–Wire		1
11	6632499	CABLE	Power Unit 4–Wire		1
12*	NAP	FOAM	Concentrate (Trac–Mark 1 gal. – Spring & Fall – Long Shelf Life) – Was 6631688 [A]		1
	6631687	FOAM	Concentrate – Good–Mark 1 gal. – Hot Weather Foam		1
13	6671139	CARTRIDGE	Collector – Was 6631681 [A]		2
14	42H–80	CLAMP	Collector Screen		2
15	6669175	COLLECTOR	Head – Neon Orange – Was6631676 [A]		2
16	6658538	CLAMP			6
17	6631685	INSERT	Collector Head		2
18	6631686	HOSE	Drop 2" I.D. x 36"		
			(914,4mm) Long		2
19	6632492	ELBOW	Boom End – Plastic		2
20	6658539	CLAMP			6
21	6612940	U–BOLT	5/16" (7,9mm) x 1.50" (38,1mm)		4
	6664194	U–BOLT	5/16" (7,9mm) x 1.75" (44,45mm)		
22	NAP	HOSE	Foam Feeder – 75 feet (22,86m) Long – Order Ref. 72		1
23	25E–15	WASHER			8
24	4E–5	WASHER			8
25	61D–5	NUT			8
26	6632493	BRACKET			2
27	6632494	NIPPLE	Valve Outlet		2
28	6632504	ELBOW	Valve Outlet		2
29	6632495	NIPPLE	Valve Inlet		1
30	6632505	ELBOW	Valve Inlet		1
31		VALVE	Foam Switching – See Page R14, R16		1
32	6511084	FITTING			1
33	6632481	CABLE	Jumper		1
34	25E–10	WASHER			4
35	12E–10	WASHER			4
36	6659289	BOLT	Was 85E–1008		4
37	6632480	ELBOW			1
38	6632508	BUSHING			1
39	6632509	COUPLER			1
40	6632510	QUICK COUPLER			1
41	6632488	TANK	10 gal.		1

FOAM MARKER – MODEL SC515 (Cont'd)
(ACCESSORIES)

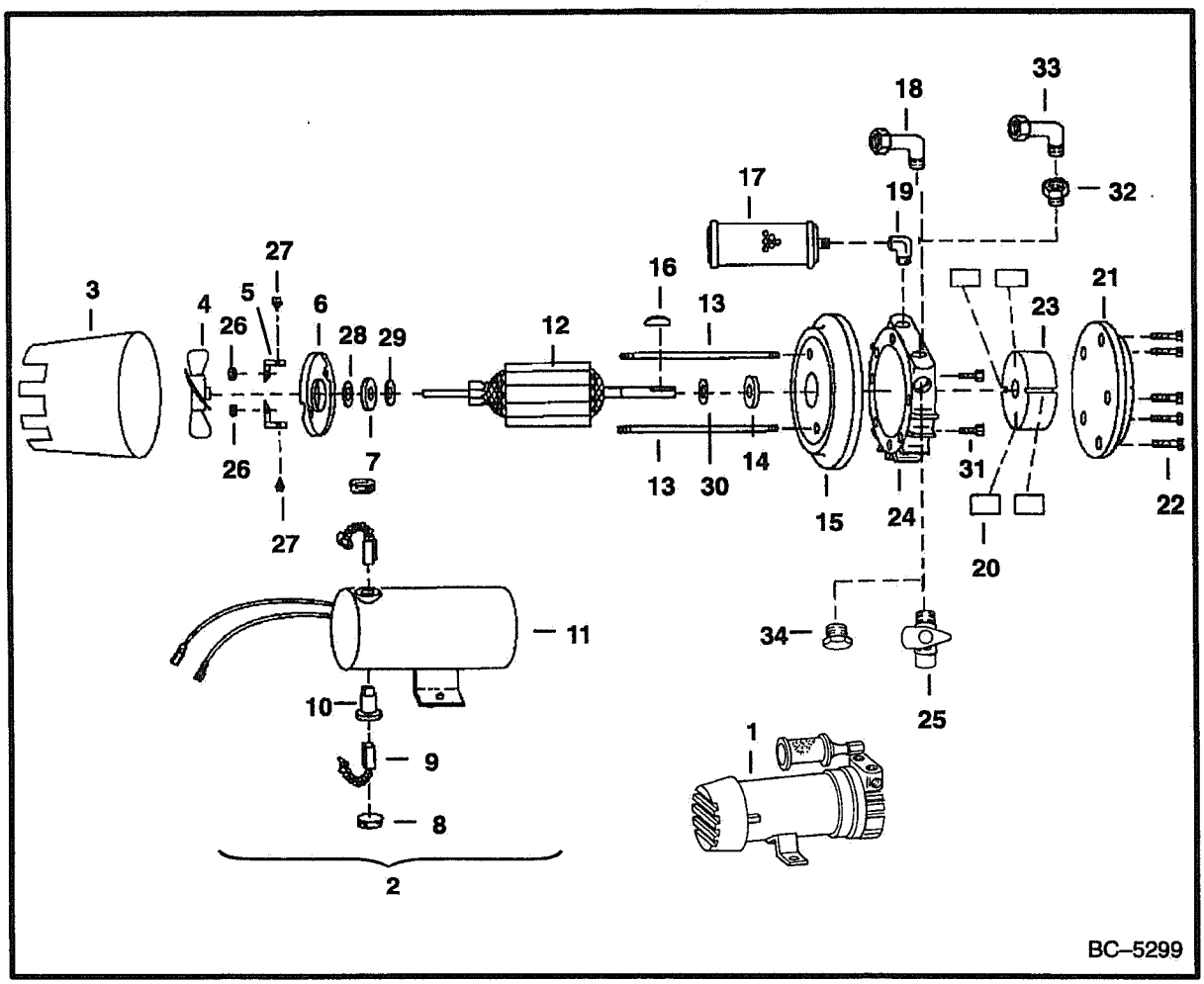


NOTE: KIT FOAM MARKER REF. 1 IS NAP.

BE–5055

FOAM MARKER – MODEL SC515 (Cont'd)
(ACCESSORIES)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
42	6632489	NIPPLE	Aerator – Special Size		1
43	6631679	CHECK VALVE			1
44	6632490	FITTING	Aerator Cap – Special Size		1
45	6631678	ELBOW	W/Nut		2
46	6631682	TUBE	11 ft. long		1
47	6658540	STRAP	Holddown 20" Long		
			W/Hooks		1
48	6632491	COVER	Compressor Box		1
49	6666294	CHECK VALVE	Was 6649021 [A]		1
50	6619969	MANUAL	Operator & Installation		1
51	6631677	FITTING	W/Nut		1
52	6632485	STAND	Tank		1
53	17C–716	BOLT			4
54	25E–19	WASHER			4
55	4E–7	WASHER	Lock		4
56		COMPRESSOR	Complete – See Page R11		1
57	61D–7	NUT			4
58	6632496	SWITCH BOX	Less Face Plate Ref. 7		1
59	6649674	MENDER	Hose 1.25" (31,75mm) Long		x
60	61D–6	NUT			8
61	6632487	BRACKET	Compressor Mounting		1
62	17C–412	BOLT			2
63	4E–6	WASHER			8
64	6632479	U–BOLT			2
65	6632482	BOX	Compressor		1
66	6632506	CLAMP	Cable Elbow W/Nut		1
67	6632507	CLAMP	Cable W/Nut		1
68	17C–616	BOLT			4
69	6632483	PLATFORM			1
70	6632484	BRACKET	Platform Mounting		2
71	25E–17	WASHER	Flat		8
72	6666546	HOSE	Bulk – Sold Per Foot – Was 6632062 [A]		x
73	6659276	BRACKET			1



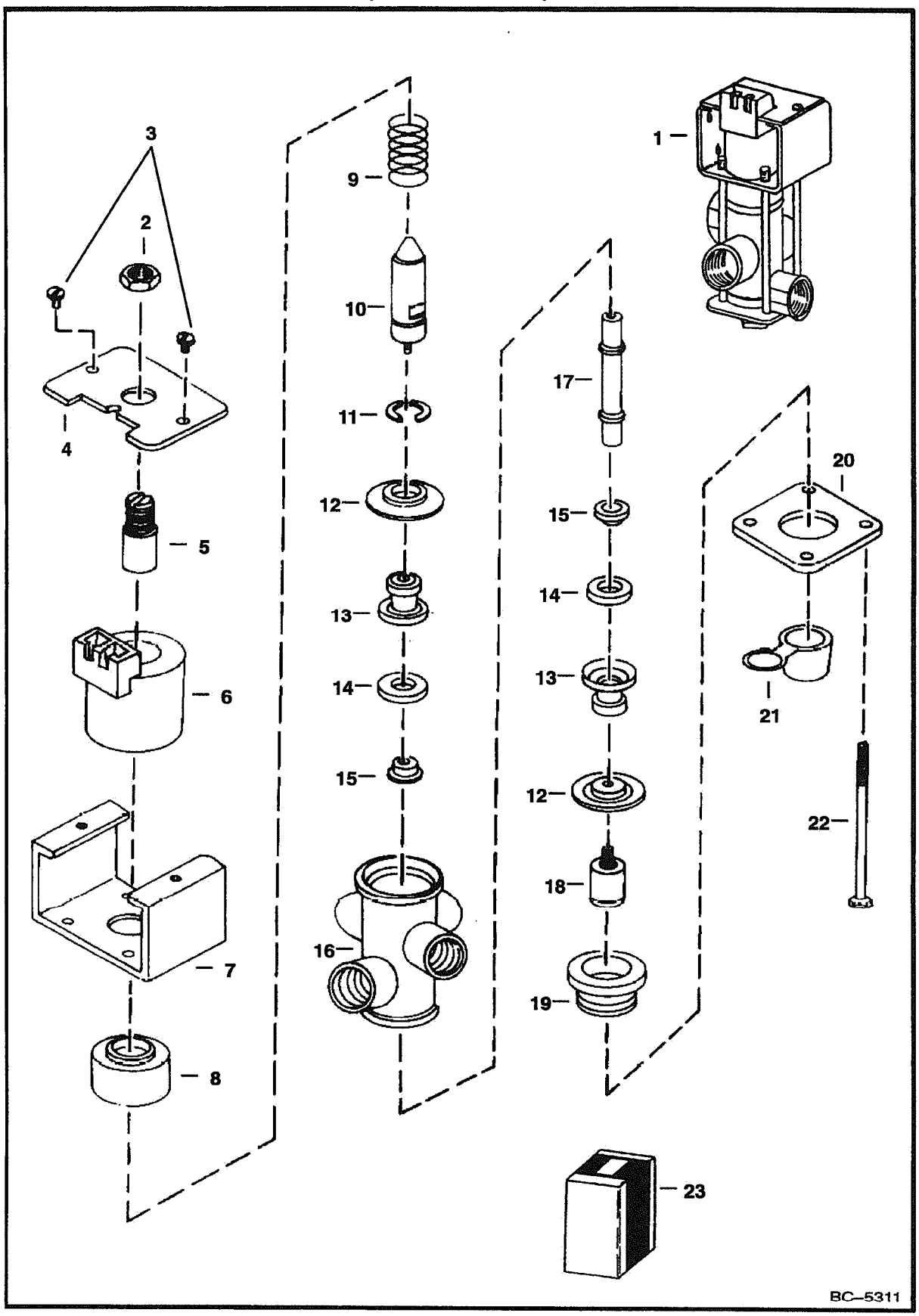
COMPRESSOR – MODEL SC515, SC520 & SC525 (ACCESSORIES)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6631680	COMPRESSOR	Complete – W/Ref. 2–17, 19–24, 26–31 & 34		1
2	6655603	MOTOR	W/End Bell– W/Ref. 3–16 & 26–30		1
3	6632486	SHROUD			1
4	6631675	FAN			1
5	6655596	CLIP			2
6	6655599	CAP			1
7	6633635	BEARING	Small		1
8	6632500	CAP	Brush		2
9	6631684	BRUSH	Motor – Set of 2		1
10	6655598	HOLDER	Brush		1
11	6655594	MOTOR	Housing		1
12	6655597	ARMATURE			1
13	6655600	BOLTS			2
14	6633636	BEARING	Large		1
15	6655593	END BELL			1
16	6632478	KEY			1
17	2504534	FILTER			1

COMPRESSOR – MODEL SC515, SC520 & SC525 (Cont'd)
(ACCESSORIES)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
18	6631678	ELBOW	Model SC515 & SC520 – only		1
19	6632475	ELBOW			1
20	6631683	VANES	Compressor – Set of 4		1
21	6655601	CAP			1
22	6655595	BOLTS	Set of 5		1
23	6632477	ROTOR			1
24	6655602	HOUSING			1
25	6632476	VALVE	By–pass – Model SC515, SC520		1
26	6659546	NUT			2
27	6659547	SCREW			2
28	6659548	WASHER			1
29	6659549	RING			1
30	6659550	RING			1
31	6659551	SCREW			2
32	6660579	ADAPTER	Model SC525 – Only		1
33	6660492	ELBOW	Model SC525 – Only		1
34	6666300	PLUG	Model SC525 – Only		1

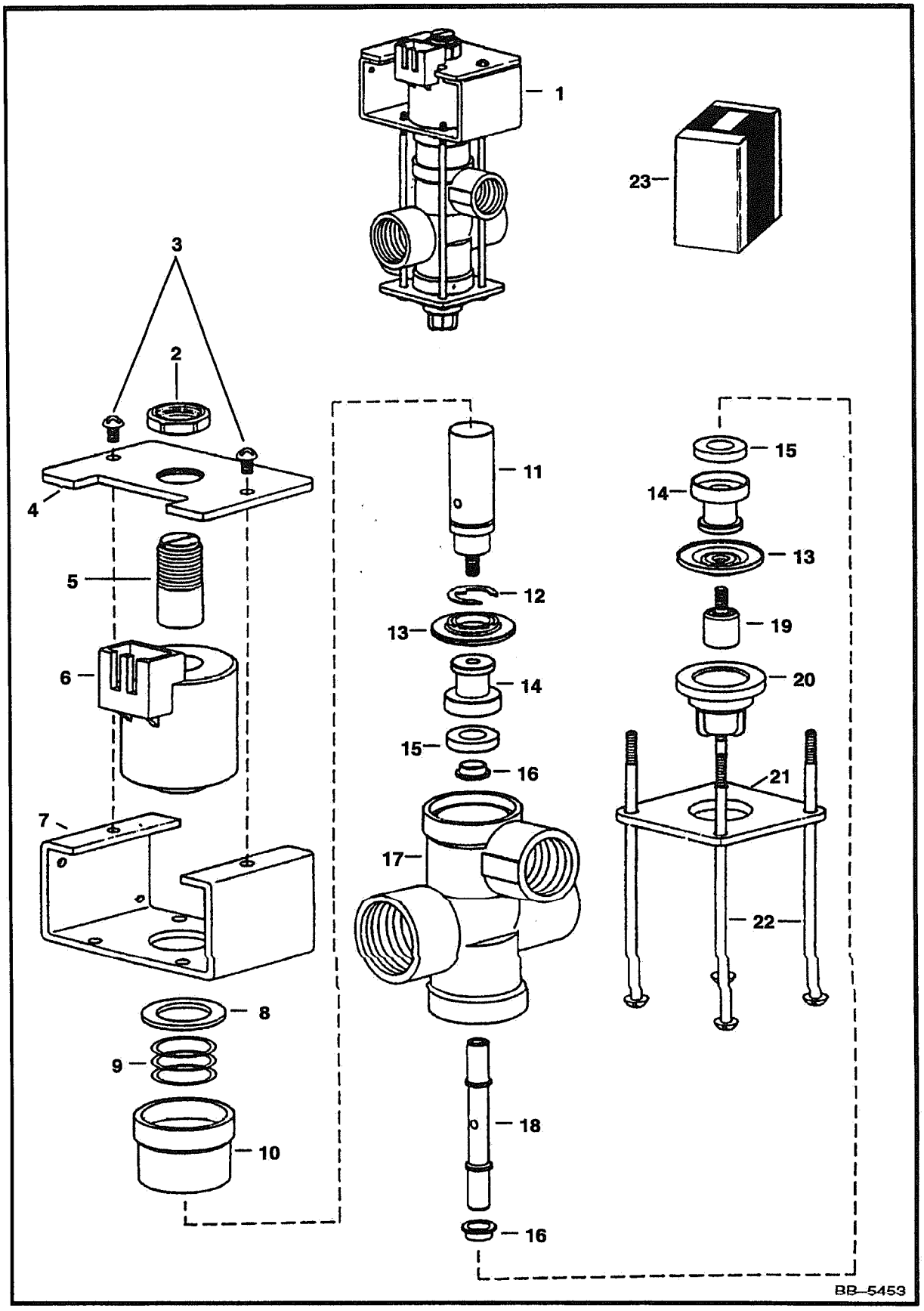
VALVE – TYPE 144 – MODEL SC515, SC520 & SC525
(ACCESSORIES)



VALVE – TYPE 144 – MODEL SC515, SC520 & SC525 (Cont'd)
(ACCESSORIES)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6632474	VALVE	W/Ref. 2-22		
2	6658063	NUT			1
3	6658064	SCREW			2
4	6658065	COVER			1
5	6658066	STOP			1
6	6658059	COIL	1/2" Id		1
7	6658067	BAND			1
8	6658060	HOUSING			1
9	NSS	SPRING	Order Ref. 23		1
10	6658068	ARMATURE			1
11	6658081	RETAINER			1
12	NSS	DIAPHRAGM	Order Ref. 23		2
13	6658069	SEAT			2
14	NSS	SEAT	Order Ref. 23		2
15	6658070	SHIM			2
16	NAP	HOUSING	Was 6658061 [A]		1
17	6658071	STEM			1
18	6658072	PISTON			1
19	6658073	HOUSING			1
20	6658074	PLATE			1
21	NSS	BOOT	Order Ref. 23		1
22	6658075	SCREW			4
23	6658062	KIT	Consists of 1–Ref. 9, 2–Ref. 12, 2–Ref. 14, 1–Ref. 21		1

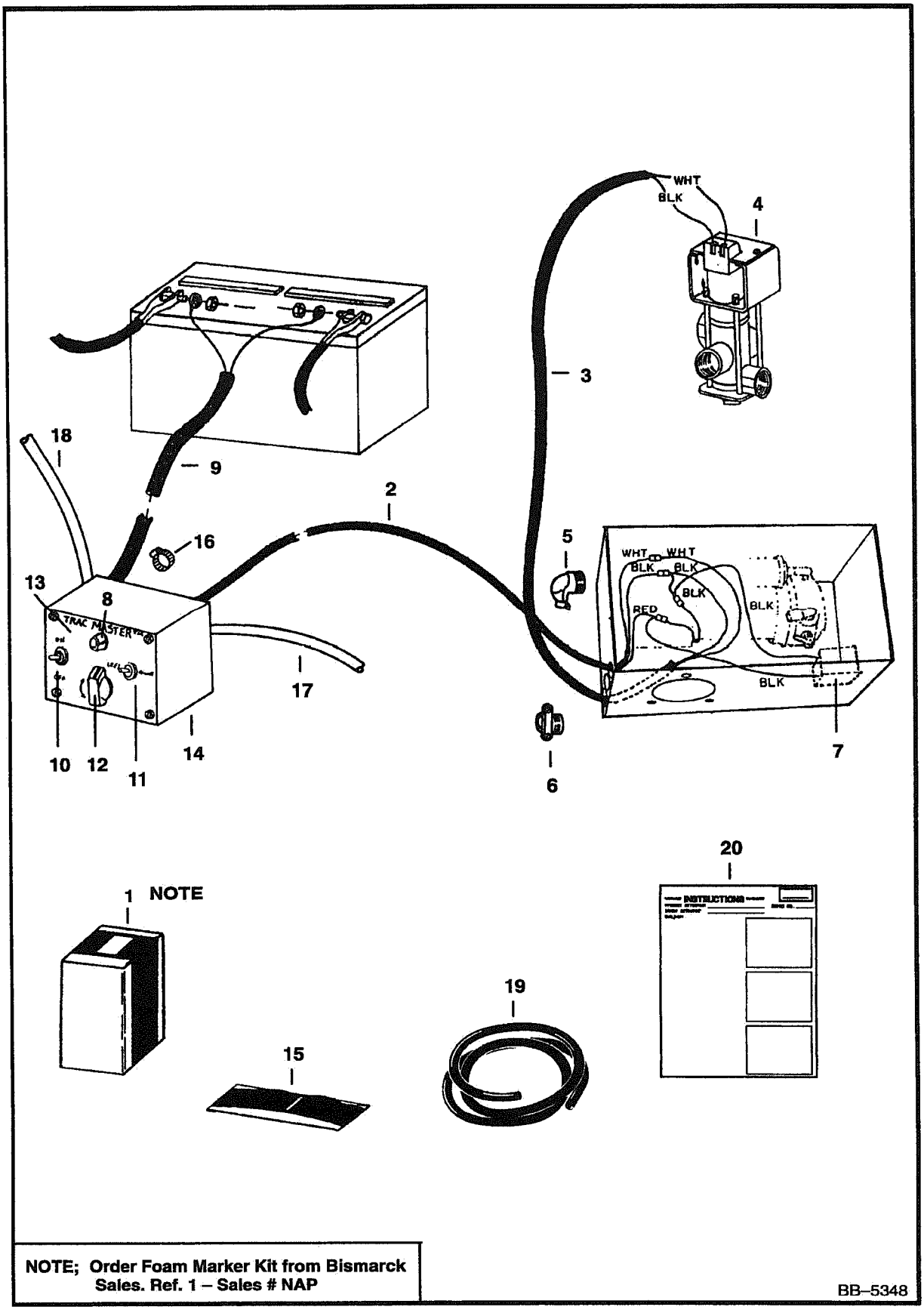
VALVE – TYPE 144F – MODEL SC525
(ACCESSORIES)



VALVE – TYPE 144F – MODEL SC525 (Cont'd)
(ACCESSORIES)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6669177	VALVE	W/Ref. 2-22 –with Brass Internal Components – Type 144A – Was 6664829 [A]		1
2	6664830	NUT			1
3	6658064	SCREW			2
4	6664831	COVER			1
5	6664832	STOP			1
6	6664833	COIL	5/8" Id		1
7	6658067	BAND			1
8	6664834	WASHER			1
9	NSS	SPRING	Order Ref. 23		1
10	6664835	HOUSING			1
11	6664836	ARMATURE			1
12	6664837	RETAINER			1
13	NSS	DIAPHRAGM	Order Ref. 23		2
14	6658069	SEAT	Stainless Steel – Type 144A		2
	6669178	SEAT	Brass – Type 144F		2
15	NSS	SEAT	Order Ref. 23		2
16	6658070	SHIM	Stainless Steel – Type 144A		2
	6669179	SHIM	Brass – Type 144F		2
17	6664838	HOUSING			1
18	6658071	STEM	Stainless Steel – Type 144A		1
	6669180	STEM	Brass – Type 144F		1
19	6664839	PISTON	Stainless Steel – Type 144A		1
	6669181	PISTON	Brass – Type 144F		1
20	6664840	HOUSING			1
21	6658074	PLATE			1
22	6658075	SCREW			4
23	6664841	KIT	Consists of 1 Ref. 9, 2 Ref.13 & 2 Ref. 15		1

FOAM MARKER – MODEL SC520
(ACCESSORIES)



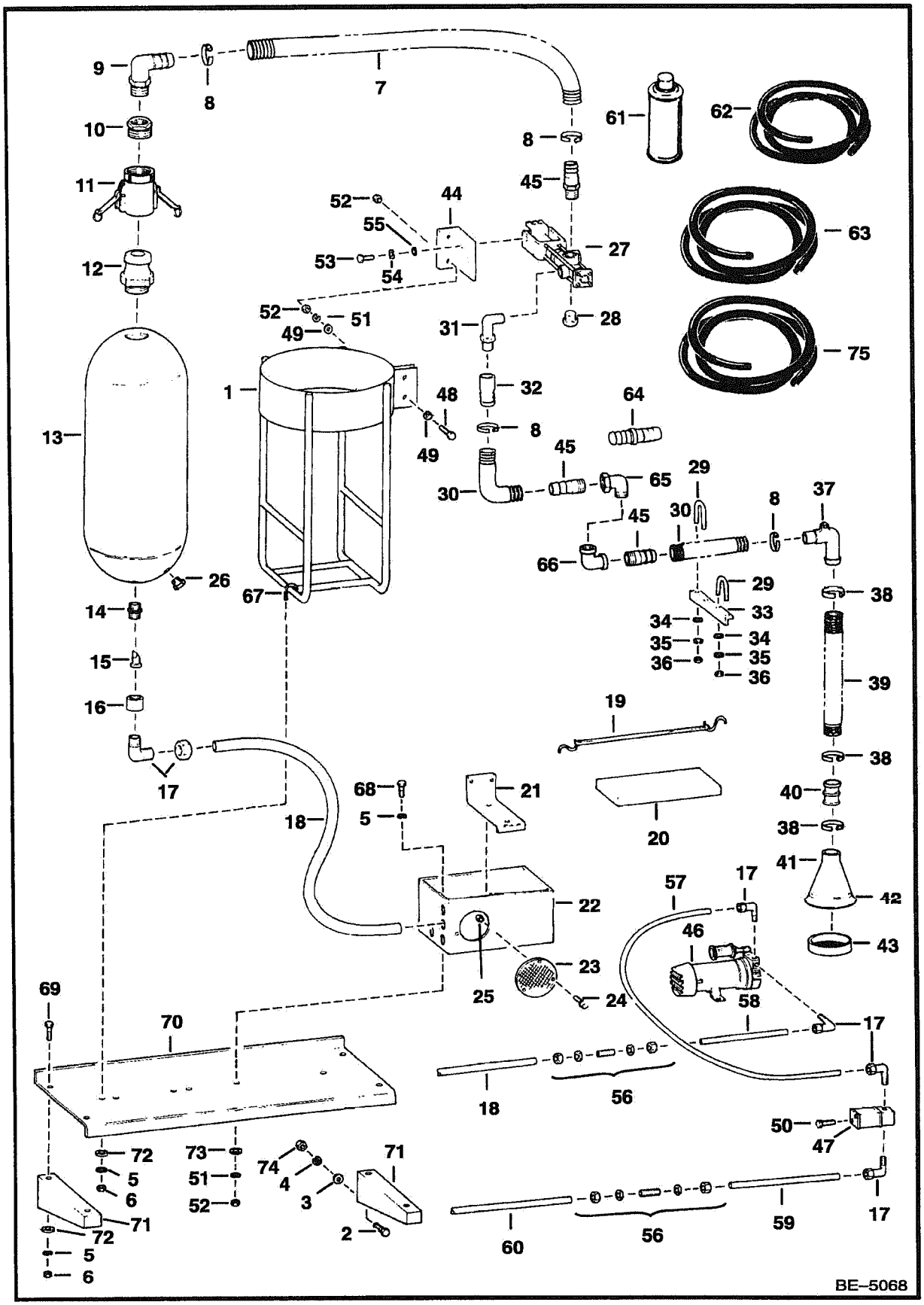
NOTE; Order Foam Marker Kit from Bismarck Sales. Ref. 1 – Sales # NAP

BB–5348

FOAM MARKER – MODEL SC520 (Cont'd)
(ACCESSORIES)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1*	NAP	KIT	Foam Marker – W/pages R18-R22 – Was SALES Dept. – #6658261 [A]		1
2	6659281	CABLE			1
3	6659283	CABLE			1
4		VALVE	Foam Switching – See Page R14 & R16		1
5	6632506	CLAMP	Cable Elbow W/Nut		1
6	6632507	CLAMP	Cable W/Nut		1
7	6659271	VALVE	Shut–Off		1
8	6632511	FUSE HOLDER			1
	6659279	FUSE	25 Amp.		1
9	6659280	CABLE			1
10	6632502	SWITCH	On/Off		1
11	6632503	SWITCH	Side Selector		1
12	6659268	VALVE	Foam Control		1
	6659285	KNOB	Only		1
13	6659277	FACE PLATE	W/Mtg. Hardware – Less Switches		1
14	6632491	COVER	Less Ref. 13		1
15	6659272	CABLE TIE	Pkg. 6		1
	6659284	CABLE TIE	Pkg. 25		1
16	6659278	GROMMET			2
17	NAP	TUBING AIRLINE	18 ft. (5486,4mm) Long – Order Ref. 19		1
18	NAP	TUBING AIRLINE	Exhaust – 5 ft.(1524mm) Long – Order Ref. 19		1
19	6659287	TUBING AIRLINE	White – 30 ft. (9144mm) Length		1
20	6629520	MANUAL	Operator & Installation		1

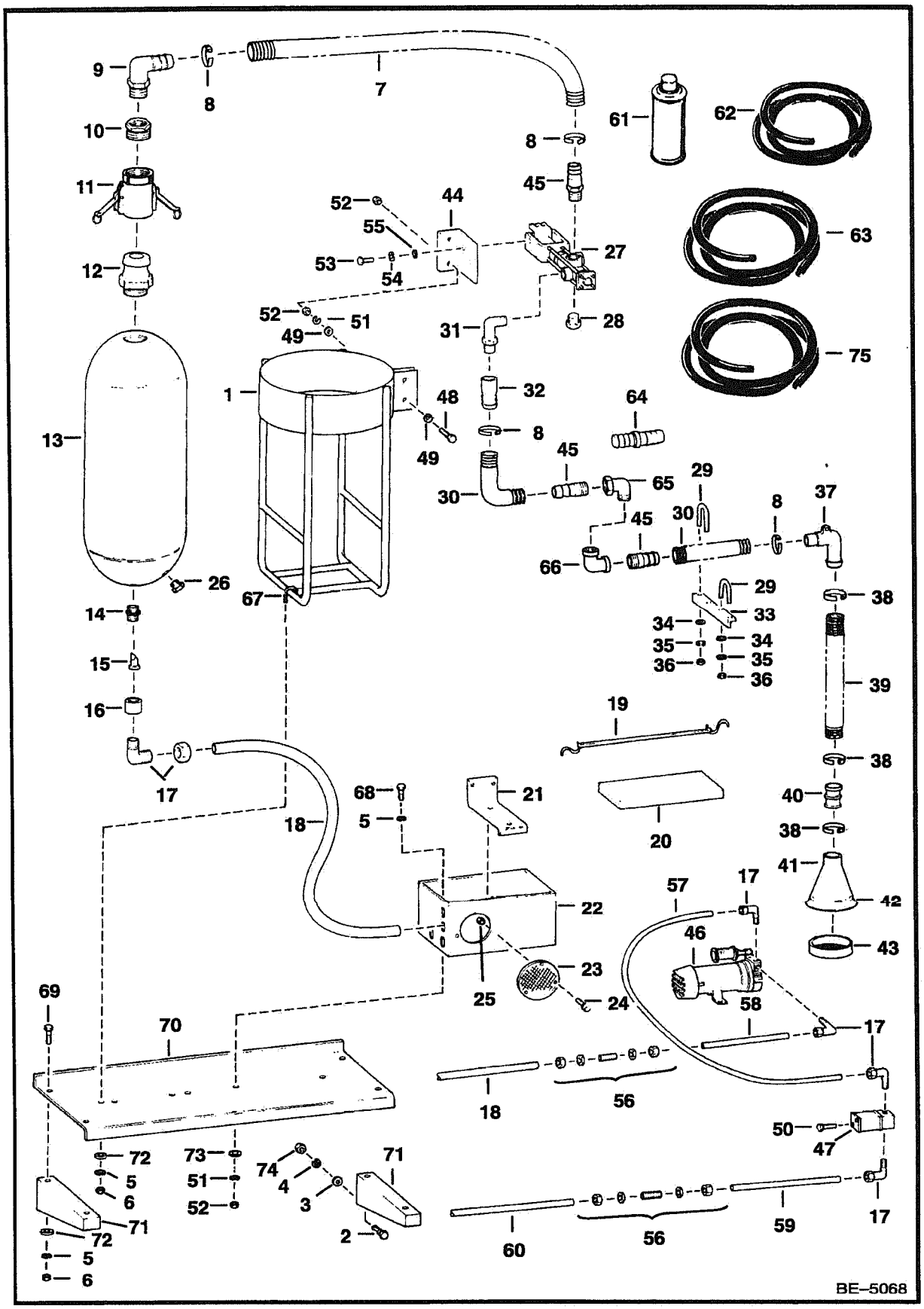
FOAM MARKER – MODEL SC520
(ACCESSORIES)



FOAM MARKER – MODEL SC520 (Cont'd)
(ACCESSORIES)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6632485	STAND			1
2	17C–716	BOLT			4
3	25E–19	WASHER			4
4	4E–7	WASHER			4
5	4E–6	WASHER			4
6	61D–6	NUT			4
7	NSS	HOSE	30" (762mm) Long – Order Ref. 62		1
8	6658539	CLAMP	Hose		6
9	6632480	ELBOW			1
10	6632508	BUSHING			1
11	6632509	COUPLER			1
12	6632510	QUICK COUPLER			1
13	6632488	TANK	10 Gal.		1
14	6632489	NIPPLE	Aerator – Special Size		1
15	6631679	CHECK VALVE			1
16	6632490	FITTING	Cap. – Special Size		1
17	6631678	ELBOW	W/Nut		5
18	NAP	TUBE	White – 18 ft. (5486,4mm) Long – Order Ref. 75		1
19	6658540	STRAP	Holddown W/Hooks		1
20	6632491	COVER	Compressor Box		1
21	6632487	BRACKET			1
22	6632482	BOX			1
23	6659288	FILTER SCREEN			1
24	6670725	BOLT	Was 6659289 [A]		3
25	6659290	NUT			3
26	6670723	PLUG	Was 6659282 [A]		1
27		VALVE	Foam Switching – See Page R14		1
28	6511084	FITTING	Valve		1
29	6612940	U–BOLT	5/16" (7,9mm) x 1.5"(38,1mm)		4
	6664194	U–BOLT	5/16" (7,9mm) x 1.75"(44,45mm)		4
30	NSS	HOSE FEEDER	Foam – 75 ft.(22860mm) Long – Order Ref. 62		1
31	6632504	ELBOW	Outlet		2
32	6632494	NIPPLE	Outlet		2
33	6632493	BRACKET			2
34	25E–15	WASHER			8
35	4E–5	WASHER			8
36	61D–5	NUT			8
37	6632492	ELBOW	Plastic		2
38	6658538	CLAMP			6
39	6631686	HOSE	Drop		2
40	6631685	INSERT			2
41	6669175	COLLECTOR	Head – Neon Orange – Was 6631676 [A]		2
42	42H–80	CLAMP			2
43	6671139	CARTRIDGE	Was 6631681 [A]		2
44	6659276	BRACKET			1
45	6632495	NIPPLE	Inlet		1
46		COMPRESSOR	See Page R11		1

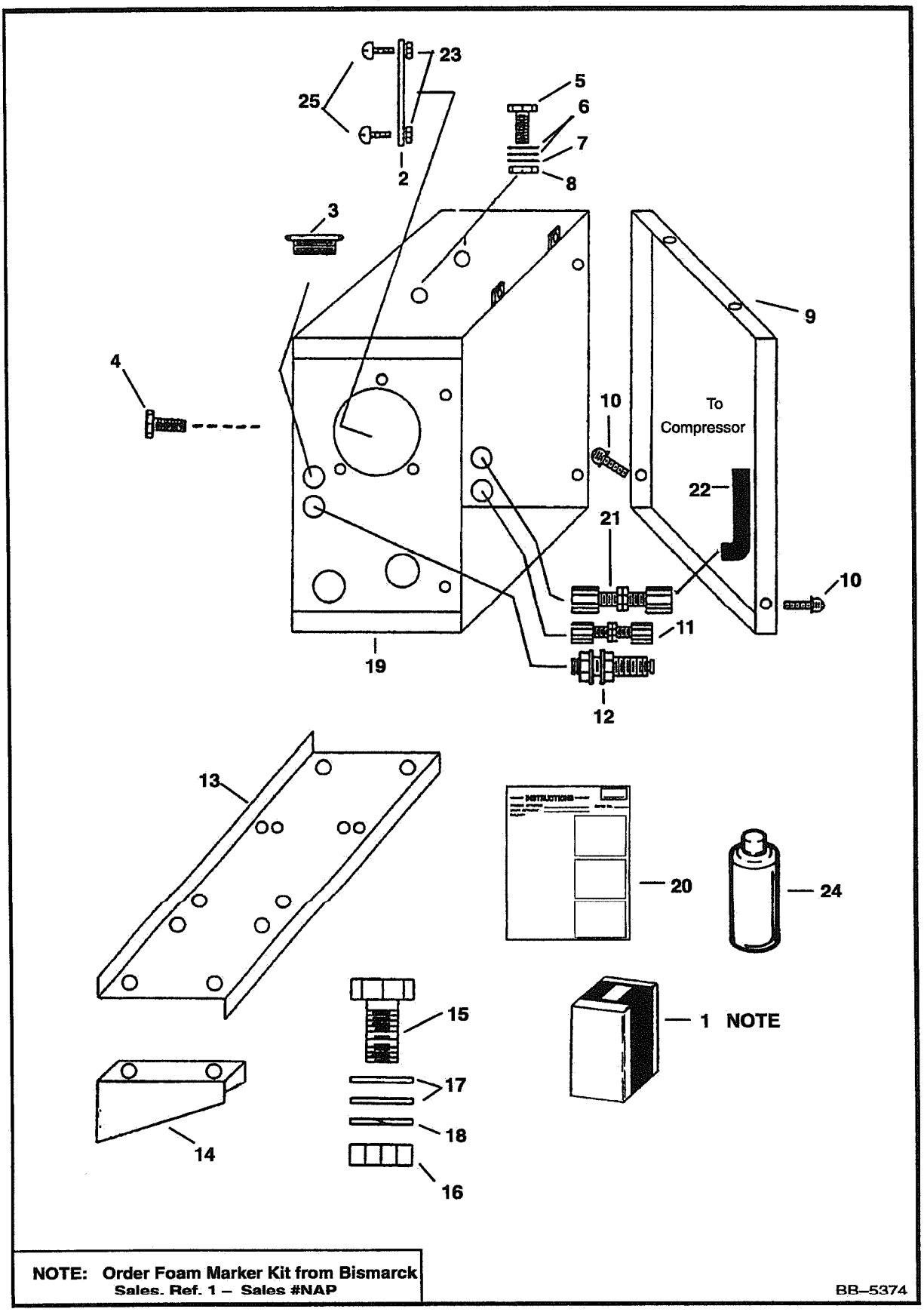
FOAM MARKER – MODEL SC520 (Cont'd)
(ACCESSORIES)



FOAM MARKER – MODEL SC520 (Cont'd)
(ACCESSORIES)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
47	6659271	VALVE			1
48	6659291	BOLT			1
49	6659292	WASHER			2
50	6659273	SCREW			2
	6659274	WASHER			2
	6659275	WASHER			2
51	4E–4	WASHER			1
52	61D–4	NUT			2
53	6659289	BOLT	Was 85E–1008 [A]		2
54	12E–10	WASHER			2
55	25E–10	WASHER			2
56	6631677	FITTING	Bulkhead W/Nuts		2
57	NAP	TUBING AIRLINE	21" (533,4mm) Long – Order Ref. 63		1
58	NAP	TUBING AIRLINE	11" (279,4mm) Long – Order Ref. 63		1
59	NAP	TUBING AIRLINE	14" (355,6mm) Long – Order Ref. 63		1
60	NAP	TUBING AIRLINE	5 ft. (1524mm) Long – Order Ref. 75		1
61*	NAP	FOAM	Concentrate – Trac-Mack –1 Gal. – Spring & Fall – Long Shelf Life – Order 6631687 – Was 6631688 [A]		x
	6631687	FOAM	Concentrate – Good-Mack – 1 Gal. – Hot Weather Foam		x
62	6666546	HOSE FEEDER	Bulk – Sold Per Foot – Was 6632062[A]		x
63	6659286	TUBING	Black – 5 ft. (1524mm) Long		1
64	6649674	MENDER	Hose		x
65	6632505	ELBOW			2
66	6660175	ELBOW			2
67	6632479	U–BOLT			2
68	17C–412	BOLT			2
69	17C–616	BOLT			4
70	6632483	PLATFORM			1
71	6632484	BRACKET			2
72	25E–17	WASHER			8
73	25E–13	WASHER			6
74	61D–7	NUT			4
75	6659287	TUBING AIRLINE	White – 30 ft. (9144mm) Long		1

FOAM MARKER – MODEL SC525
(ACCESSORIES)



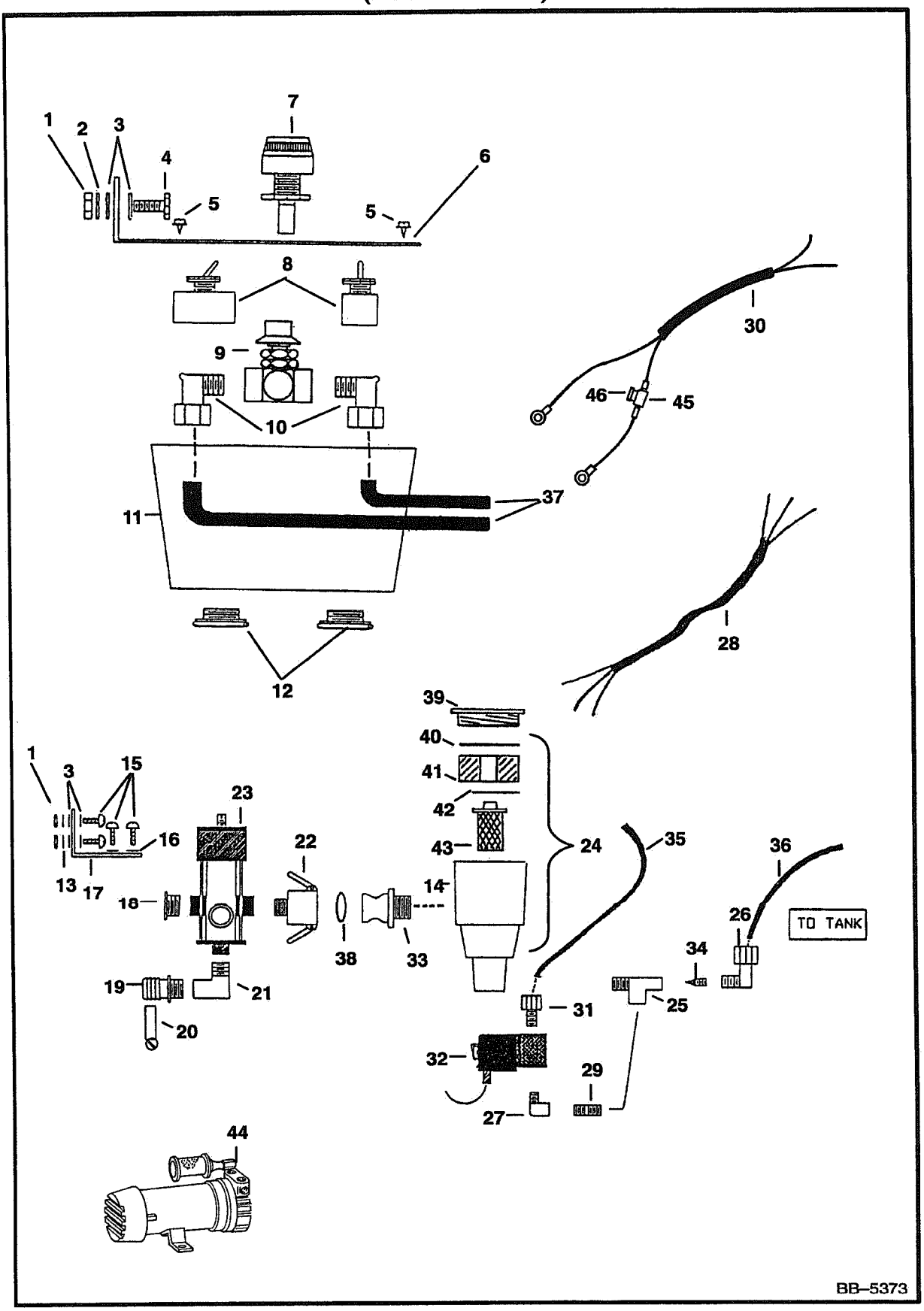
NOTE: Order Foam Marker Kit from Bismarck
Sales. Ref. 1 – Sales #NAP

BB–5374

FOAM MARKER – MODEL SC525 (Cont'd)
(ACCESSORIES)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1*	NAP	KIT	Foam Marker – W/Pages R24-S6 – Was SALES Dept. #6660347 [A]		1
2	6659288	FILTER SCREEN			1
3	6632506	CLAMP			1
4	6659291	BOLT			1
5	17C–412	BOLT			2
6	6659292	WASHER			6
7	4E–4	WASHER			3
8	61D–4	NUT			3
9	6660384	DOOR	W/Decal		1
10	6660386	SCREW	1/4" – 20 x 1/2 – 1995 and below		2
	6669174	SCREW	1/4" – 10 x 3/4 1996 and above		2
11	6631677	FITTING	Bulkhead		1
12	6660385	FITTING	Bulkhead		1
13	6660382	PLATFORM			1
14	6632484	BRACKET			3
15	17C–616	BOLT	Bracket to Platform		6
	17C–716	BOLT	Bracket to Frame		6
16	61D–6	NUT	Bracket to Platform		8
	61D–7	NUT	Bracket to Frame		6
17	25E–17	WASHER	Bracket to Platform		16
	25E–19	WASHER	Bracket to Frame		12
18	4E–6	WASHER	Bracket to Platform		8
	4E–7	WASHER	Bracket to Frame		6
19	6660383	BOX			1
20	6629530	MANUAL	Operator & Installation		1
21	6660484	ADAPTER	Bulkhead		1
22	6660483	TUBE	Airline 36"(914,4mm) Long		1
23	6659290	NUT			2
24*	NAP	FOAM	Concentrate – Trac-Mack – 1 Gal. – Spring & Fall – Long Shelf life – Order 6631687 – Was 6631688 [A]		x
	6631687	FOAM	Concentrate – Good-Mack – 1 Gal. – Hot Weather Foam		x
25	6670725	BOLT	Was 6659289 [A]		3

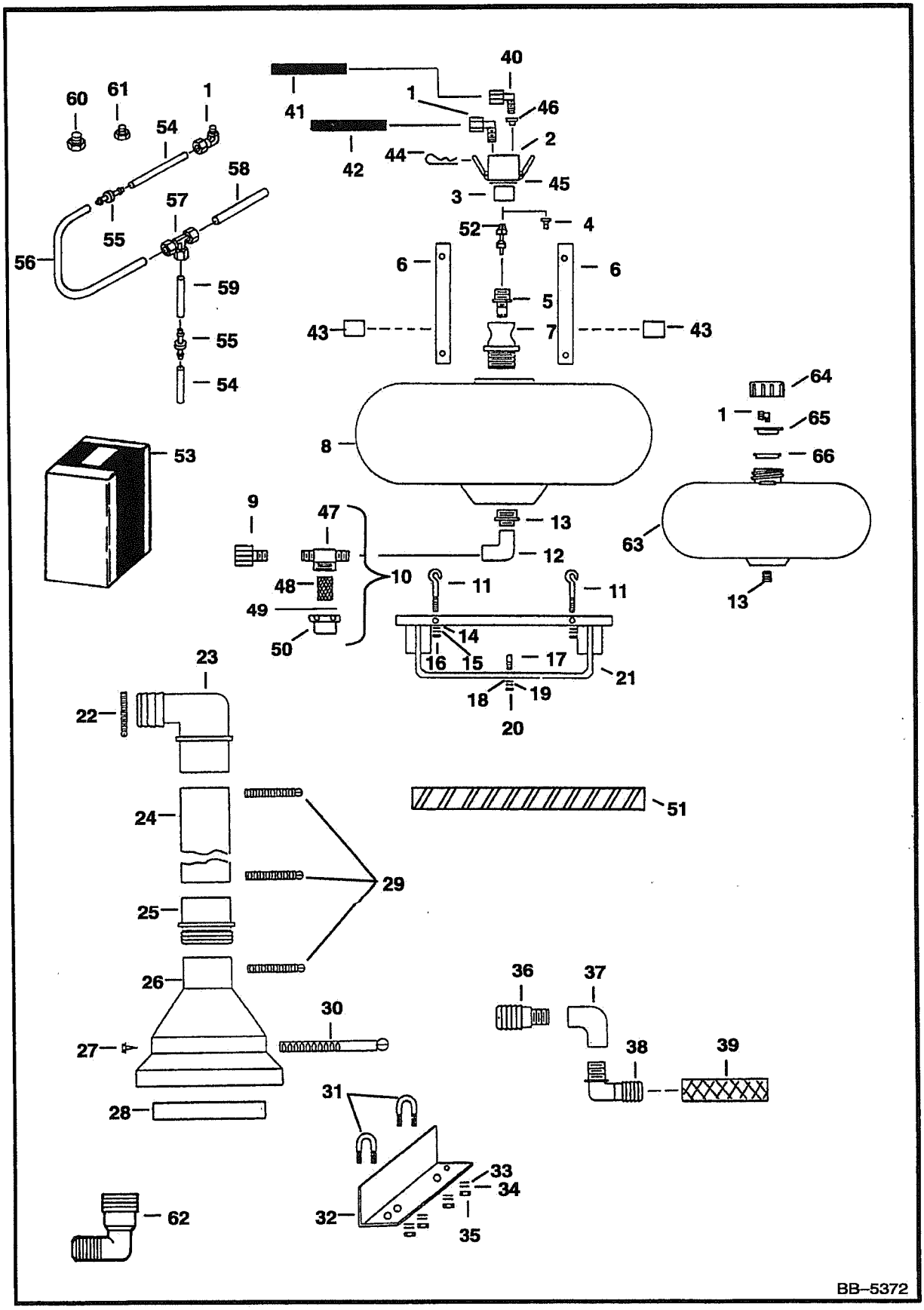
FOAM MARKER – MODEL SC525
(ACCESSORIES)



FOAM MARKER – MODEL SC525 (Cont'd)
(ACCESSORIES)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	61D–4	NUT			2
2	4E–4	WASHER			2
3	6659292	WASHER			4
4	17C–412	BOLT			2
5	6659547	SCREW			4
6	6660390	FACE PLATE	W/Decal		1
7	6632511	FUSE HOLDER	Type 25 Amp AGC Fuse		1
8	6632502	SWITCH	Off & On – Right, Left		2
9	6660387	VALVE	Flow Control – W/Nut		2
10	6660404	ELBOW			2
11	6632496	SWITCH BOX			1
12	6632507	CLAMP			2
13	4E–4	WASHER			2
14	6660586	BODY			1
15	6670725	BOLT	Was 6659289 [A]		4
16	25E–10	WASHER			2
17	6660409	BRACKET			1
18	6511084	FITTING			1
19	6660412	NIPPLE			2
20	6658539	CLAMP			2
21	6632504	ELBOW			2
22	6660485	LOCK CAM	Female – W/Ref. 38		1
23		VALVE	See Page R14, R16		1
24	6660401	FOAM HEAD	W/Ref. 39–44		1
25	6660402	TEE			1
26	6670724	ELBOW	Airline – Was 6664203 [A]		1
27	6660411	ELBOW			1
28	6660389	CABLE	3 wire – Inter Connect		1
29	6660405	NIPPLE			1
30	6669193	CABLE–BATTERY	2 wire – W/Fuse Holder Ref. 45 –		
			Was 6660388 [C]		1
31	6660403	FITTING			1
32	6660486	SOLENOID			1
33	6660487	LOCK CAM	Male		1
34	6660488	ORIFICE			1
35	6660489	TUBE	Fluid – Black 36" (914,4mm)		
			Long		1
36	6660490	TUBE	Airline – Black 36" (914,4mm)		
			Long		1
37	6660491	TUBE	Fluid – 216" (5486,4mm)		
			Long		1
38	6660580	GASKET			1
39	6660581	CAP			1
40	6660582	GASKET			1
41	6660583	RING			1
42	6660584	SCREEN			1
43	6660585	FILTER			1
44		COMPRESSOR	See Page R11		1
45	6669172	FUSE HOLDER	Less Fuse – Ref. 46		1
46	6669168	FUSE	25 Ampere		1

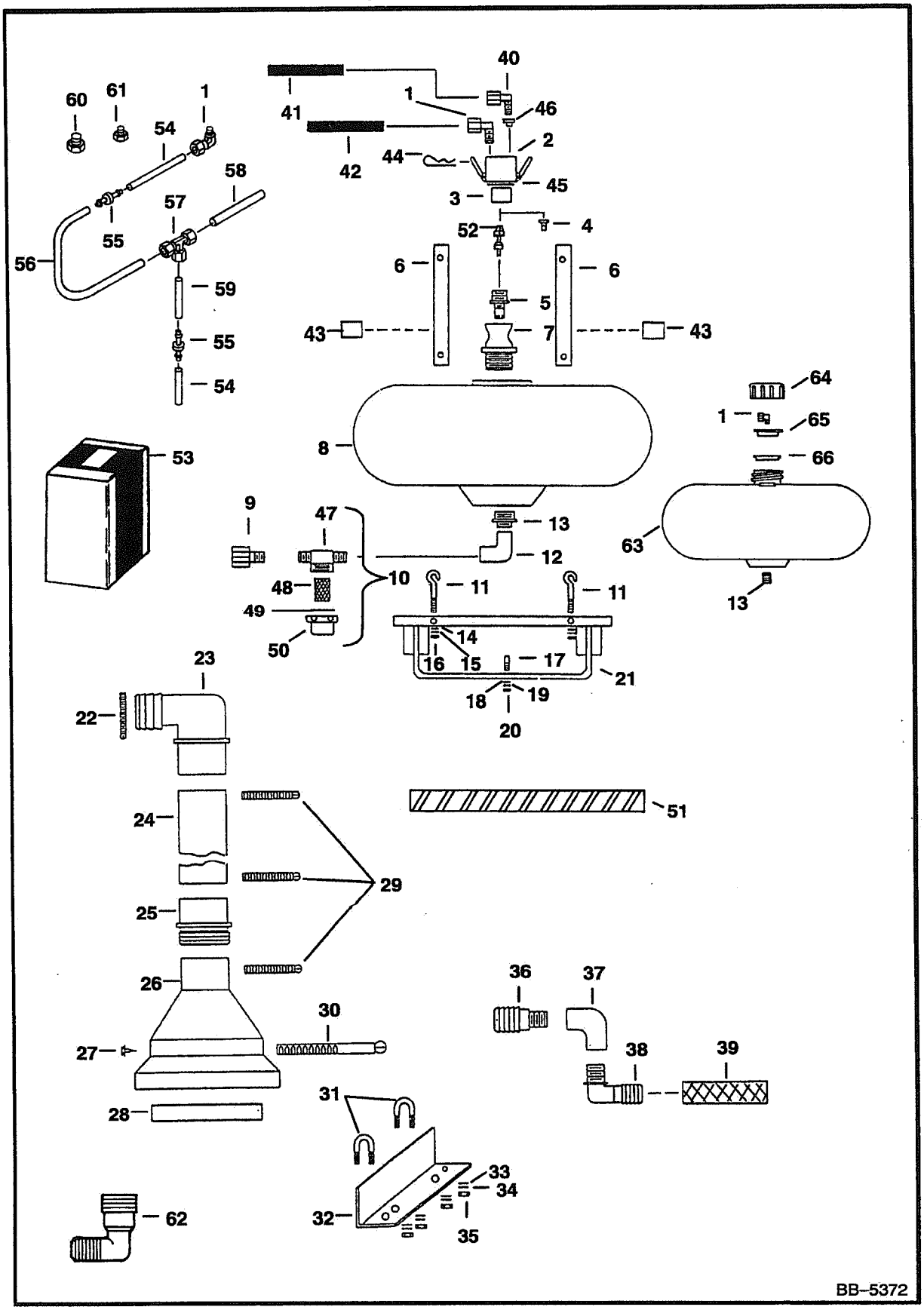
FOAM MARKER – MODEL SC525
(ACCESSORIES)



FOAM MARKER – MODEL SC525 (Cont'd)
(ACCESSORIES)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6631678	ELBOW	W/Nut		1
2	6660399	CAM–LOCK	Female – W/Ref. 45		1
3	6632490	FITTING			1
4	6631679	CHECK VALVE			1
5	6632489	NIPPLE	Aerator		1
6	6660397	STRAP	Tank		2
7	6660495	QUICK COUPLER			1
8	6660395	TANK	1995 and below		1
9	6660398	FITTING			1
10	6660391	FILTER			1
11	6660396	EYEBOLT			4
12	6660394	ELBOW			1
13	6660393	REDUCER			1
14	25E–13	WASHER			4
15	4E–4	WASHER			4
16	61D–4	NUT			4
17	6632479	U–BOLT			2
18	25E–17	WASHER			4
19	4E–6	WASHER			4
20	61D–6	NUT			4
21	6660392	STAND	Tank		1
22	6658539	CLAMP			2
23	6632492	ELBOW			2
24	6631686	HOSE	Drop		2
25	6631685	INSERT			2
26	6669175	COLLECTOR	Head – Neon Orange 1996 – Was 6631676 [A] Black		2
27	6660379	SCREW			6
28	6671139	CARTRIDGE	Collector –White Pad – Was 6631681 [A]		2
29	6658538	CLAMP			6
30	42H–80	CLAMP			2
31	6612940	U–BOLT	5/16"(7,9mm)x1.5"(38,1mm) Long		4
	6664194	U–BOLT	5/16"(7,9mm)x1.75"(44,45mm) Long		4
32	6632493	BRACKET			2
33	25E–15	WASHER			8
34	4E–5	WASHER			8
35	61D–5	NUT			8
36	6632495	NIPPLE			4
37	6660175	ELBOW			4
38	6660380	ELBOW			2
39	6660381	HOSE	30" (762mm) Long		2
40	6660492	ELBOW	W/Nut		1
41	6660493	TUBE	Airline – 12"–48" Long		1
42	6660494	TUBE	Airline – 38"–48" Long		1
43	6660572	DECAL	Warning		2
44	6660578	PIN			2
45	6660577	GASKET			1
46	6660579	ADAPTER			1
47	6660573	CAP			1

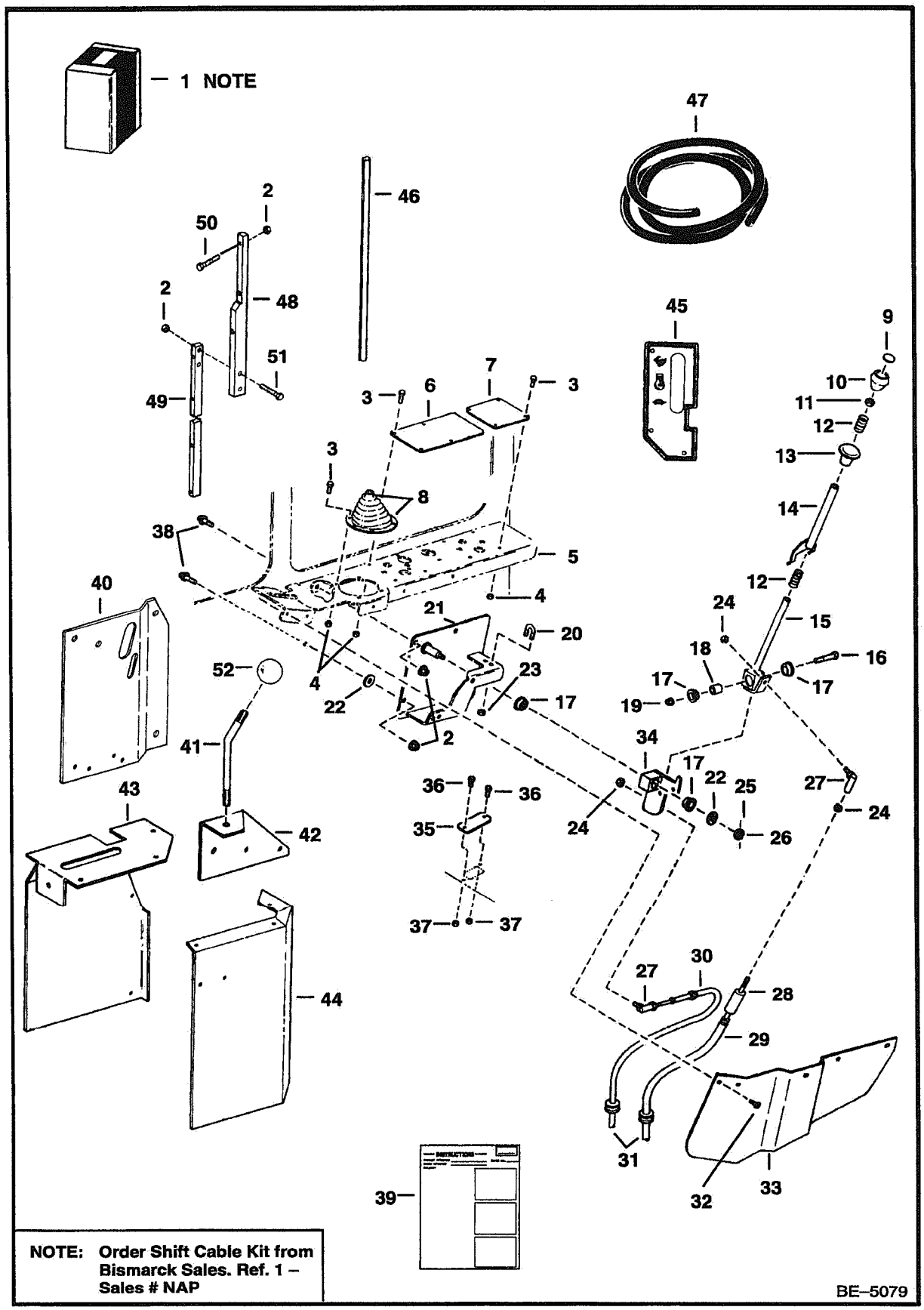
FOAM MARKER – MODEL SC525 (Cont'd)
(ACCESSORIES)



FOAM MARKER – MODEL SC525 (Cont'd)
(ACCESSORIES)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
48	6660574	SCREEN			1
49	6660575	O–RING			1
50	6660576	BOWL			1
51	6666546	HOSE FEEDER	Bulk – Sold Per Foot – Was 6632062 [A]		x
52	NAP	CHECK VALVE	Used Mid 1993 and Above – Replaces Refs. 3, 4 & 5 – Order 6666292, Ref. 53 – Was 6665035 [A]		1
53	6666292	KIT	Plumbing W/Refs. 1, 54 – 61 – W/Mounting Instructions		1
54*	NAP	TUBE	Airline 3/8" x 3–3/4" Long – Order Ref. 67 – Was 6666293[A]		1
55	6666294	CHECK VALVE			2
56*	NAP	TUBE	Airline 3/8" x 5" Long – Order Ref. 67 – Was 6666295 [A]		1
57	6666296	TEE	W/Nuts		1
58*	NAP	TUBE	Airline 3/8" x 3–1/2" Long – Order Ref. 67 – Was 6666297 [A]		1
59*	NAP	TUBE	Airline 3/8" x 1–1/2" Long – Order Ref. 67 – Was 6666298 [A]		1
60	6666299	PLUG	Box – 1/2"		1
61	6666300	PLUG	1/4"		1
62	6669176	STREAMER	Year 1996 Above		2
63	6669171	TANK	1996 and Above		1
64	6669173	CAP	1996 and Above		1
65	6669169	CAP	1996 and Above		1
66	6669170	GASKET	1996 and Above		1
67*	6660490	TUBE	Airline – 3/8" x 36" Long		1

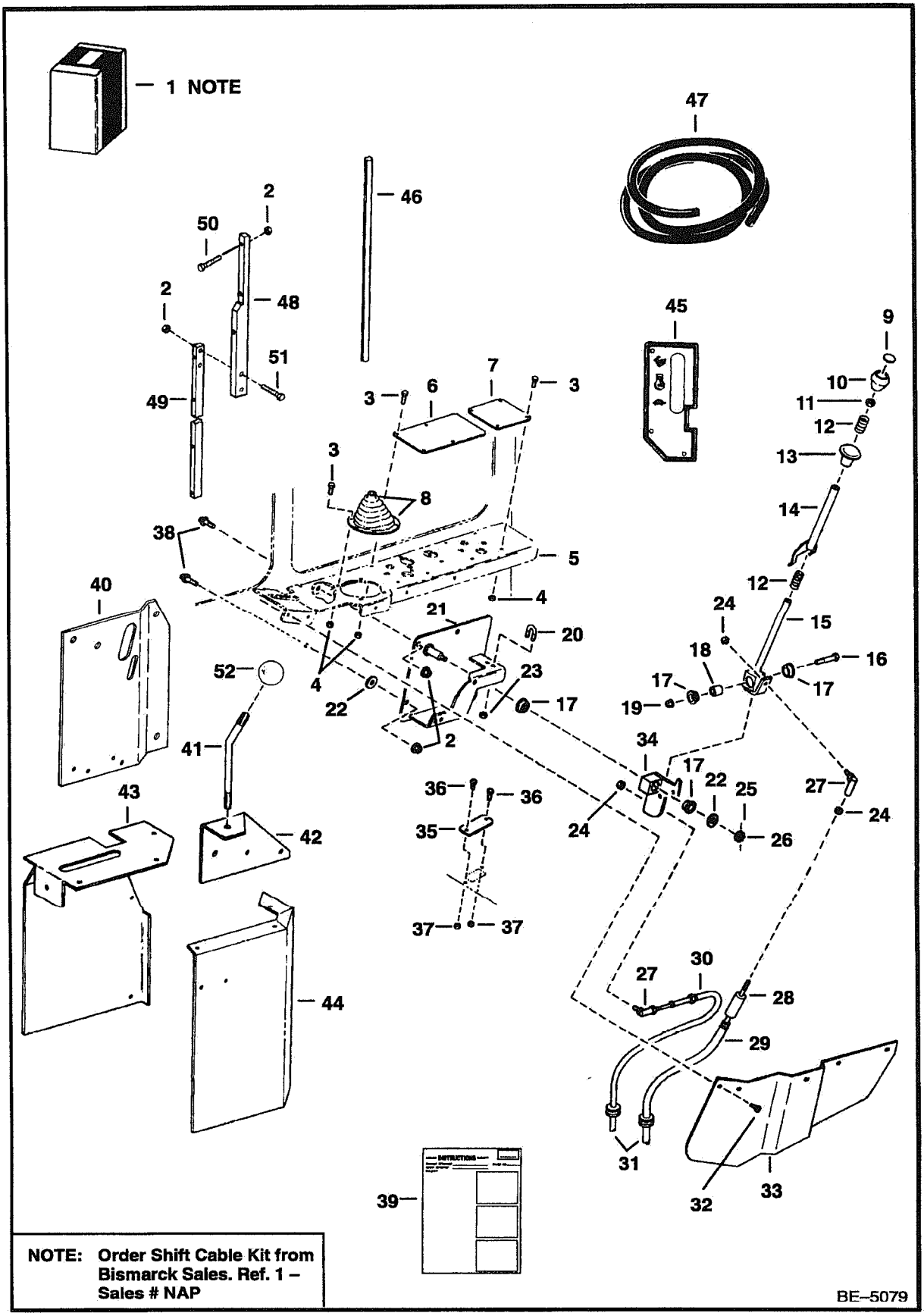
SHIFT CABLE KIT – MODEL 220, 230
(ACCESSORIES)



SHIFT CABLE KIT – MODEL 220, 230 (Cont'd)
(ACCESSORIES)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1*	NAP	KIT	Shift Cable – W/Ref. 2-51, Also Page S12, Ref. 2-18 – Was SALES Dept. - #6627668 [A]		1
2	42DM–10	NUT			9
3	1CM–516	BOLT			12
4	39DM–5	NUT			12
5	6627168	PANEL	Was 6627144 [A]		1
6	6627330	COVER	Dash		1
7	6627331	COVER	Dash		1
8	6532127	BOOT	Ring Assembly		1
9	6627340	DECAL			1
10	6646380	KNOB			1
11	32DM–100	NUT			1
12	6664296	SPRING			2
13	6627315	KNOB	Lift		1
14	6627080	LEVER	Upper		1
15	6627166	LEVER	Lower		1
16	1CM–860	BOLT			1
17	6643375	BUSHING			4
18	6618669	TUBE			1
19	42DM–8	NUT			1
20	6618961	U–BOLT			4
21	6627162	BRACKET			1
22	17EM–100	WASHER			3
23	85D–5	NUT			8
24	62D–5	NUT			10
25	13JM–25032	PIN	Cotter		1
26	19DM–10	NUT			1
27	6512356	END, ROD	Was 6651231 [A]		4
28	6664294	SEAL	Umbrella		1
29	6664417	CABLE	Shift – 84"(2133,6mm) long W/Ref. 28, and Ref. 10, page S12		1
30	6664416	CABLE	Shift – 68"(1727,2mm) long W/Ref. 10, Page S12		1
31	6630043	GROMMET	Rubber		2
32	6589675	SCREW	Was 6587499 [B]		5
33	6627169	COVER			1
34	6627078	BLOCK			1
35	6627178	PLATE	Cover		1
36	17C–512	BOLT			2
37	61D–5	NUT			2
38	29CM–1025	BOLT			12
39	6629558	INSTRUCTION	Mounting		1
40	6625124	BRACKET			1
41	6624494	LEVER	Throttle		1
42	6624488	BRACKET			1
43	6625123	COVER	Top		1
44	6625122	COVER	Side		1
45	6625607	DECAL	Hand Throttle		1
46	NAP	TUBE	29" (736,6mm) – Order Ref. 47		1
47	6664418	TUBE	Bulk – Sold Per Foot		x

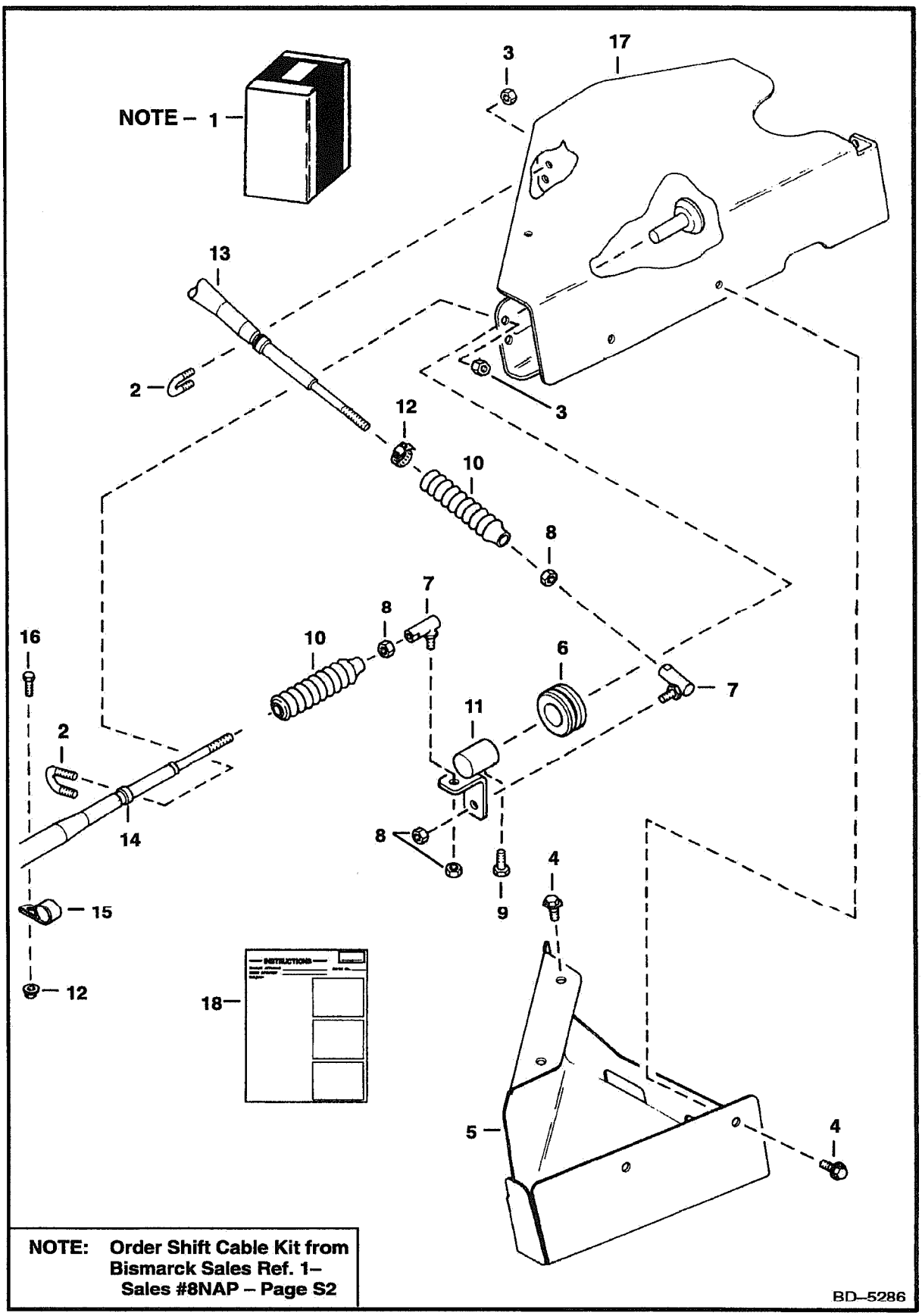
SHIFT CABLE KIT – MODEL 220, 230 (Cont'd)
(ACCESSORIES)



SHIFT CABLE KIT – MODEL 220, 230 (Cont'd)
(ACCESSORIES)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
48	6627276	BRACKET			1
49	6627239	BRACKET			1
50	1CM–1016	BOLT	Was 29CM–1016 [B]		2
51	29CM–1055	BOLT			2

SHIFT CABLE KIT – MODEL 220 & 230
(Accessories)

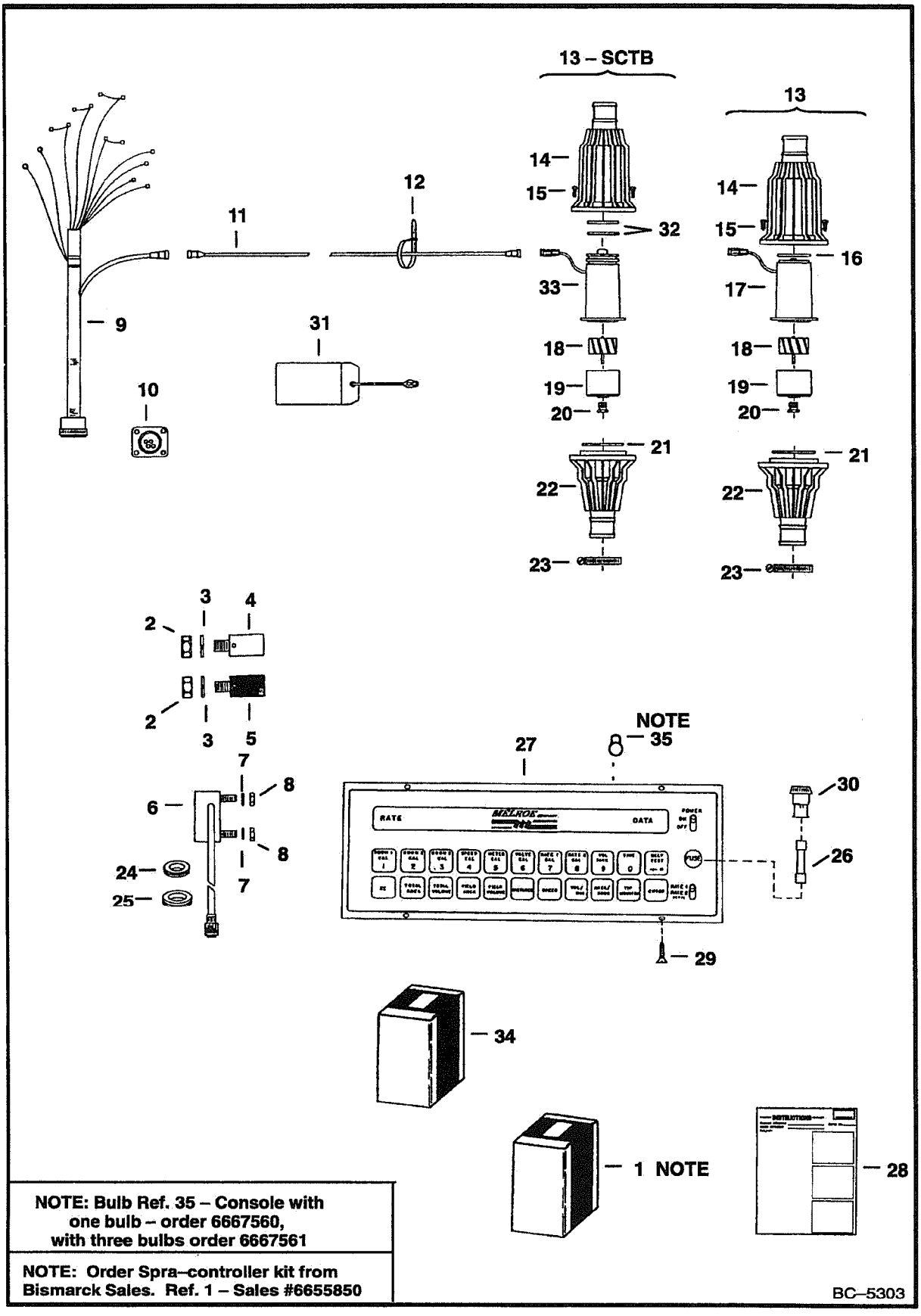


NOTE: Order Shift Cable Kit from Bismarck Sales Ref. 1– Sales #8NAP – Page S2

SHIFT CABLE KIT – MODEL 220, 230 (Cont'd)
(ACCESSORIES)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1*	NAP	KIT	Shift Cable – W/Ref. 2-18, Also Page S8, Ref. 2-51 – Was SALES Dept. – 6627668 [A]		1
2	6618961	U–BOLT			4
3	85D–5	NUT			8
4	26GM–10020	BOLT	Was 29CM–816 [A]		4
5	6627440	COVER	Bottom		1
6	731972	GROMMET	Rubber		1
7	6512356	END, ROD	Was 6651231 [A]		4
8	62D–5	NUT			10
9	6511008	SCREW	Set		1
10	6664295	BOOT	Rubber		2
11	6627011	LEVER			1
12	42DM–10	NUT			9
13	6664417	CABLE	Shift – 84"(2133,6mm) long – W/Ref. 10, and Ref. 28, Page S8		1
14	6664416	CABLE	Shift – 68"(1727,2mm) long – W/Ref. 10		1
15	30H–38	CLAMP			1
16	29CM–1025	BOLT			12
17	6627012	BRACKET			1
18	6629558	INSTRUCTION	Mounting		1

SPRA–CONTROLLER – MELROE
(ACCESSORIES)



NOTE: Bulb Ref. 35 – Console with one bulb – order 6667560, with three bulbs order 6667561
NOTE: Order Spra–controller kit from Bismarck Sales. Ref. 1 – Sales #6655850

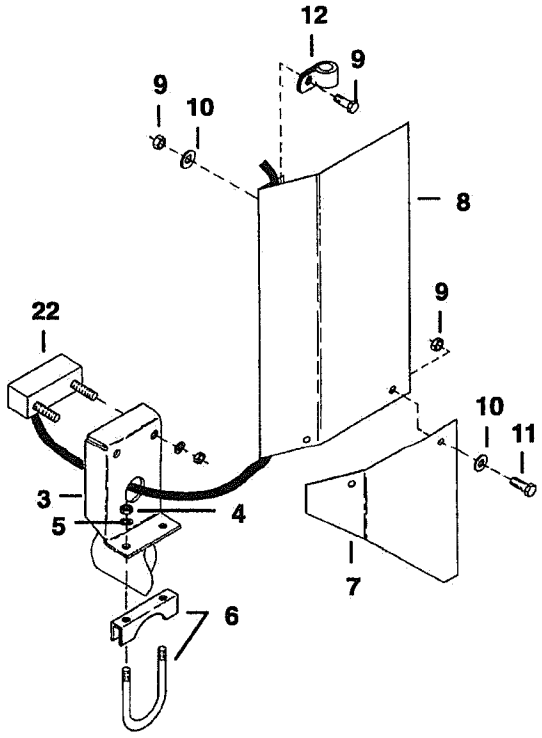
BC–5303

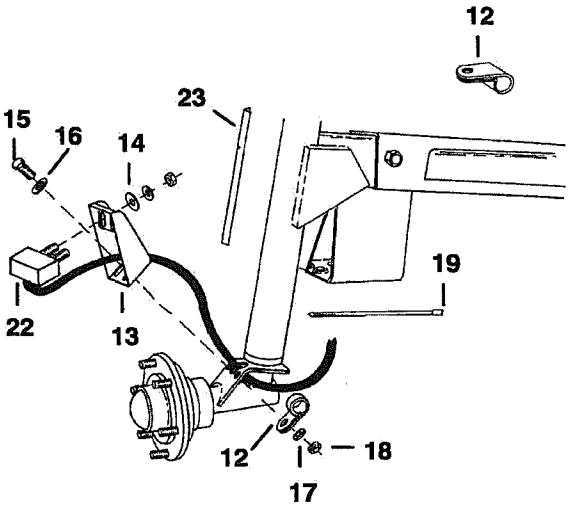
SPRA–CONTROLLER – MELROE (Cont'd)
(ACCESSORIES)

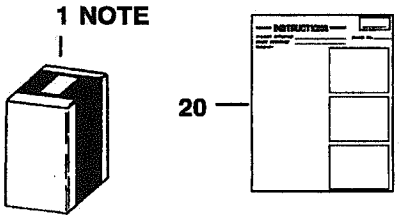
Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	SALES	KIT	Spra–Controller – W/Ref. 2–30		1
2	61D–8	NUT			4
3	4E–8	WASHER			4
4	6655023	MAGNET	assembly Red – North		2
5	6655024	MAGNET	assembly Black – South		2
6	6662297	SENSOR	Cable – 14 Foot –		
			Was 6665373[A] – 21 Foot		1
7	4E–4	WASHER			2
8	61D–4	NUT			2
9	6655028	CABLE CONTROL			1
10	6657295	PLUG	by–pass		1
11	6655030	CABLE	flow meter extension		1
12	6610510	NYLON TIE	Was 6610511		8
13	6665214	FLOW METER	Complete W/Ref. 14, 15, 18–22, 32 & 33 – Was 6655026 [A] –		
			See SCTB–SC020		1
14	6655839	HOUSING	sensor		1
15	6655840	SCREW	stainless steel		12
16	6655841	O–RING	Viton – Used W/Ref. 17		1
17	NAP	ASSEMBLY	RFM55 XDCR – Order Ref. 34 – Was 6655842 [A]		1
18	6655843	TURBINE	RFM55		1
19	6655844	TURBINE	HubBearing Assembly		1
20	6655845	STUD	Turbine W/Bearing		1
21	6655846	O–RING	Viton		1
22	6655847	HUB	Housing WInserts		1
23	6666864	CLAMP	Was 42H–20 [A]		4
24	1011708	GROMMET	Small – Was 6620411 [A]		1
25	731972	GROMMET			1
26	6659363	FUSE	AGC 6 amp.		1
27	6658262	CONSOLE NEW	Spra–Controller – W/Ref. 30 & 35 – Was 6655849 [A]		1
	6658262	CONSOLE REMAN	Spra–Controller – W/Ref. 30 & 35 – Was 6657023 [A]		1
28	6629515	MANUAL	Operator's		1
29	58G–808	SCREW			4
30	6657296	HOLDER	Fuse – assembly, Cap & Holder		1
31	6618366	TAG	Assy. Calibration		1
32	6666836	O–RING	Viton – Used With Ref.33		2
33	NAP	TRANSDUCER	RFM55–XDCR – Double O–Ring – Order Kit Ref. 34		1
34	6666837	TRANSDUCER KIT	W/Refs. 22, 32, 33 & Instructions		1
35	6667560	BULB			1
	6667561	BULB			3

SPEED SENSOR – MELROE (ACCESSORIES)

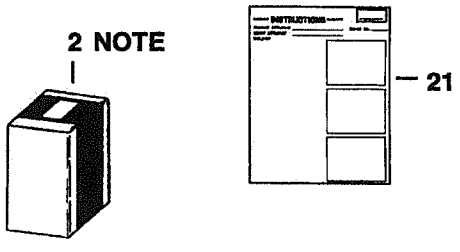
NOTE: Order speed sensor adaptor kits from Bismarck Sales
Ref. 1 – Sales #NAP
Ref. 2 – Sales #6618165







SINGLE FRONT BC–5304

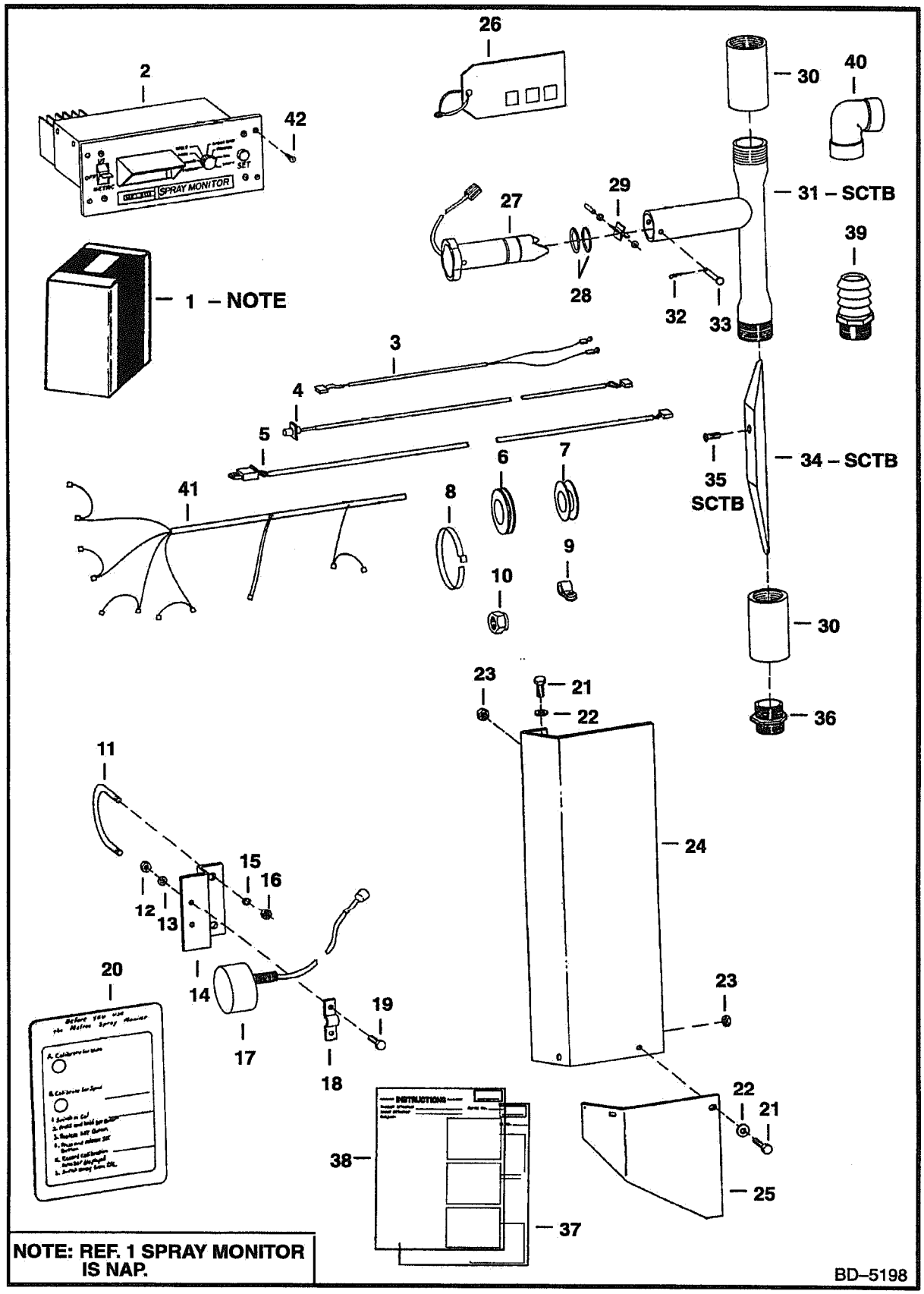


WIDE FRONT BB–5307

SPEED SENSOR – MELROE (Cont'd)
(ACCESSORIES)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1*	NAP	KIT	Single Front Adapter – W/Ref. 3–12 & 20 – Was SALES – 6618164 [A]		1
2	SALES	KIT	Wide Front Adapter – W/Ref. 12–19, 21 & 23		1
3	6618204	BRACKET			1
4	61D–5	NUT			2
5	4E–5	WASHER			2
6	6661015	U–BOLT	Assembly – Was 6624769 [A]		1
7	6625138	SHIELD	Speed Sensor Lower		1
8	6625137	SHIELD	Speed Sensor Upper		1
9	85D–5	NUT			4
10	25E–16	WASHER			4
11	17C–512	BOLT			4
12	30H–12	CLIP	Insulated		x
13	6618261	BRACKET			1
14	25E–17	WASHER			2
15	17C–620	BOLT			2
16	25E–13	WASHER			2
17	4E–6	WASHER			2
18	61D–6	NUT			2
19	6624289	NYLON TIE			4
20	6629523	INSTRUCTION	Mounting		1
21	6629522	INSTRUCTION	Mounting		1
22		SENSOR	See Page S14, Ref. 6		1
23	6627674	SHIELD	Cable		1

SPRAY MONITOR – FIELD TECHNOLOGIES (ACCESSORIES)



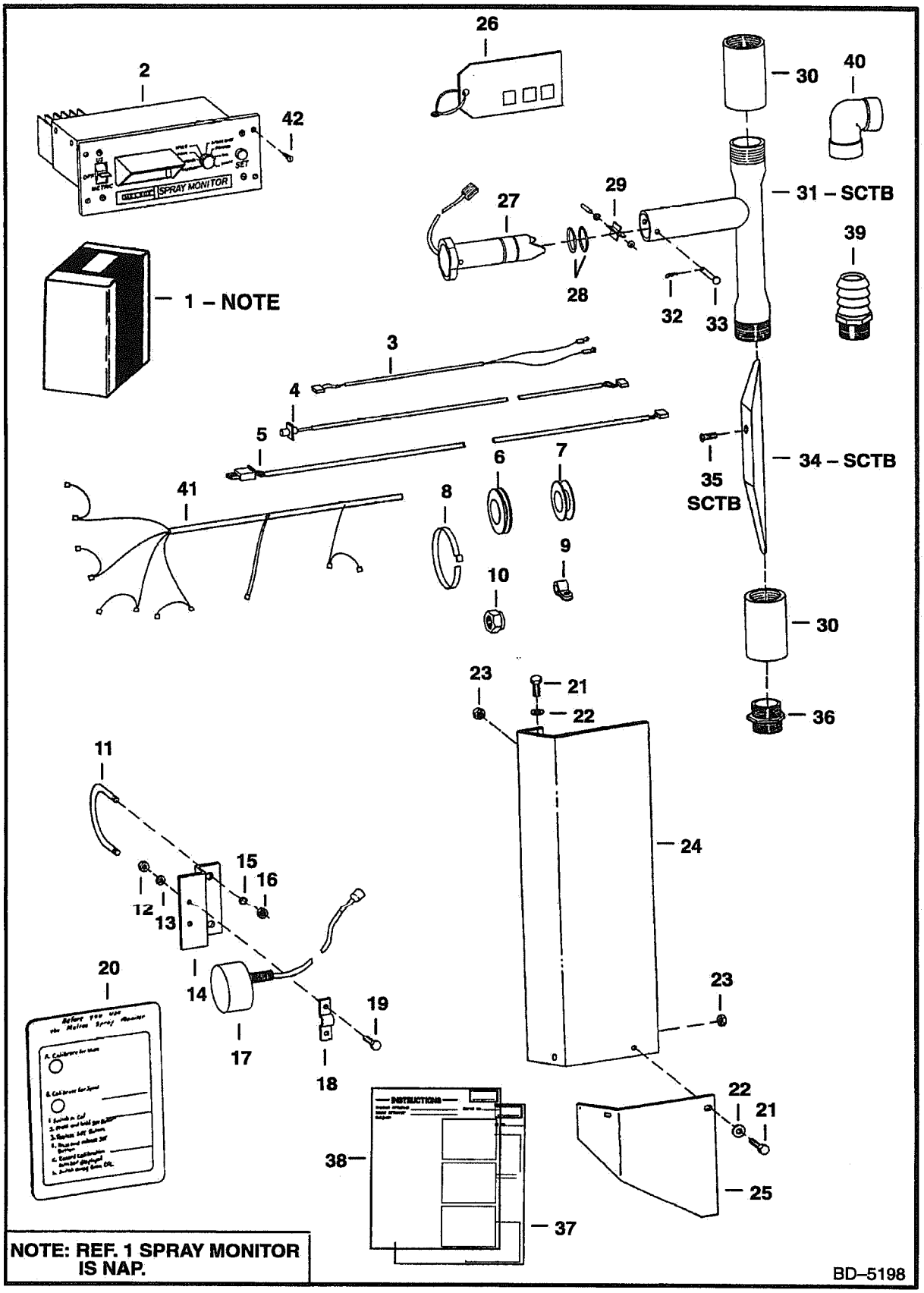
NOTE: REF. 1 SPRAY MONITOR IS NAP.

BD–5198

SPRAY MONITOR – FIELD TECHNOLOGIES (Cont'd)
(ACCESSORIES)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	NAP	KIT	Spray Monitor W/Ref. 2 – 42		1
2	6624770	CONTROL UNIT	Monitor		1
3	6624772	POWER CORD			1
4	6624771	INPUT CABLE	Speed Sensor		1
5	6624774	INPUT WIRE	Flow Sensor 134"		1
6	731972	GROMMET			1
7	6620411	GROMMET	Small		1
8	6610510	NYLON TIE			8
9	30H–12	CLIP	insulated		4
10	6557188	NUT	Wheel – Was 6518993 [A]		6
11	6661015	U–BOLT	Was 6624769 [A]		1
12	12D–10	NUT			2
13	12E–10	WASHER			2
14	6624768	BRACKET	Speed Sensor Mounting		1
15	4E–5	WASHER			2
16	61D–5	NUT			2
17	6630083	SENSOR	Speed – W/Wire		1
18	1572385	CLAMP	Speed Sensor Mounting		1
19	45G–1008	BOLT			2
20	6630125	CARD	calibration		1
21	17C–512	BOLT			4
22	25E–16	WASHER			4
23	85D–5	NUT			4
24	6625137	SHIELD	Upper		1
25	6625138	SHIELD	Lower		1
26	6630126	LABEL	calibration		1
27	6651333	FLOW SENSOR	assembly – W/Hardened Paddle		
			Wheel Bearing and Casted Stainless steel paddle wheel – W/Ref. 28 & 29		1
*	NAP	FLOW SENSOR	assembly – W/Standard Paddle Wheel Bearing – W/Ref. 28 & 29 #6630127 – Was 6649540 [A]		1
28	6630128	O–RING			2
29	6651334	PADDLE WHEEL	assembly – W/Hardened Bearing and Shaft, Plastic Wheel		1
	6630127	PADDLE WHEEL	assembly – W/Std. Bearing and Shaft, Plastic Wheel		1
	6664893	PADDLE WHEEL	assembly – W/Hardened Bearing, Shaft & Casted Stainless steel paddle wheel		1
30	6630124	COUPLING			2
31	6654051	FLOW SENSOR	See SCTB SC–002		1
32	1F–208	COTTER PIN			1
33	6630123	CLEVIS PIN			1
34	6630085	RESTRICTOR	Flow – See SCTB SC–002		1
35	1G–1010	SCREW	See SCTB SC–002		1
36	6630082	ADAPTOR			1
37	6619933	INSTRUCTION	mounting		1
38	6619917	MANUAL	operator		1
39	6647449	FITTING			2

SPRAY MONITOR – FIELD TECHNOLOGIES (Cont'd)
(ACCESSORIES)

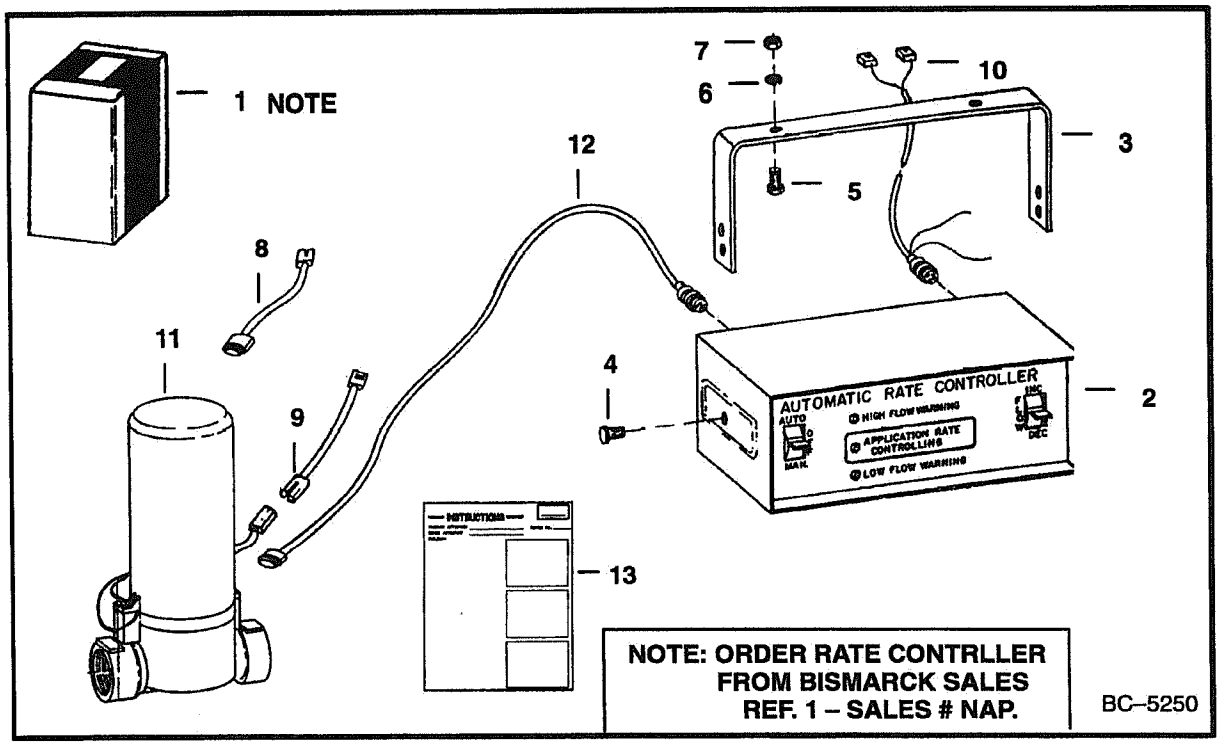


NOTE: REF. 1 SPRAY MONITOR IS NAP.

BD–5198

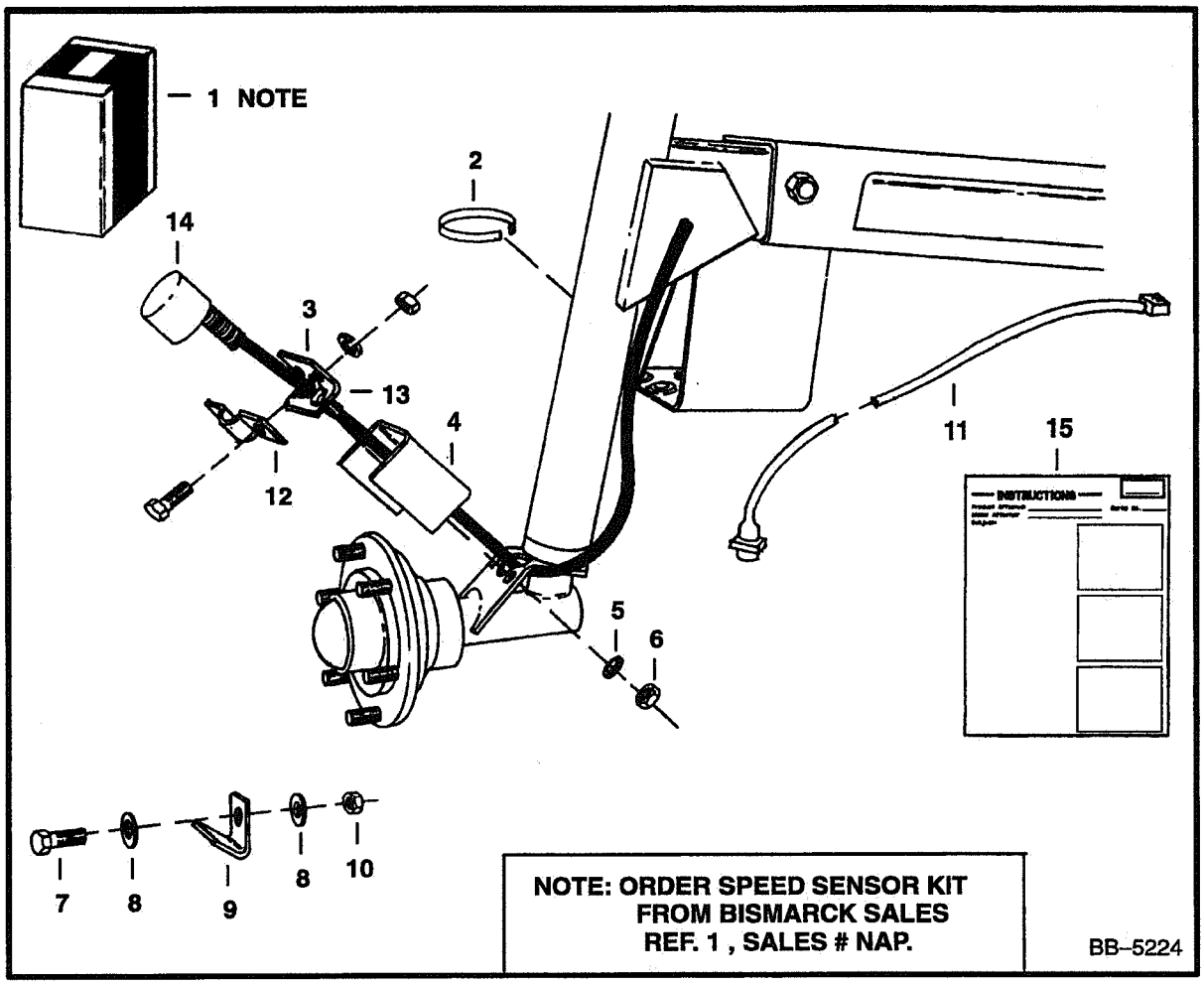
SPRAY MONITOR – FIELD TECHNOLOGIES (Cont'd)
(ACCESSORIES)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
40	6648315	ELBOW			1
41	6649539	HARNESS	work switch		1
42	6527296	SCREW			4



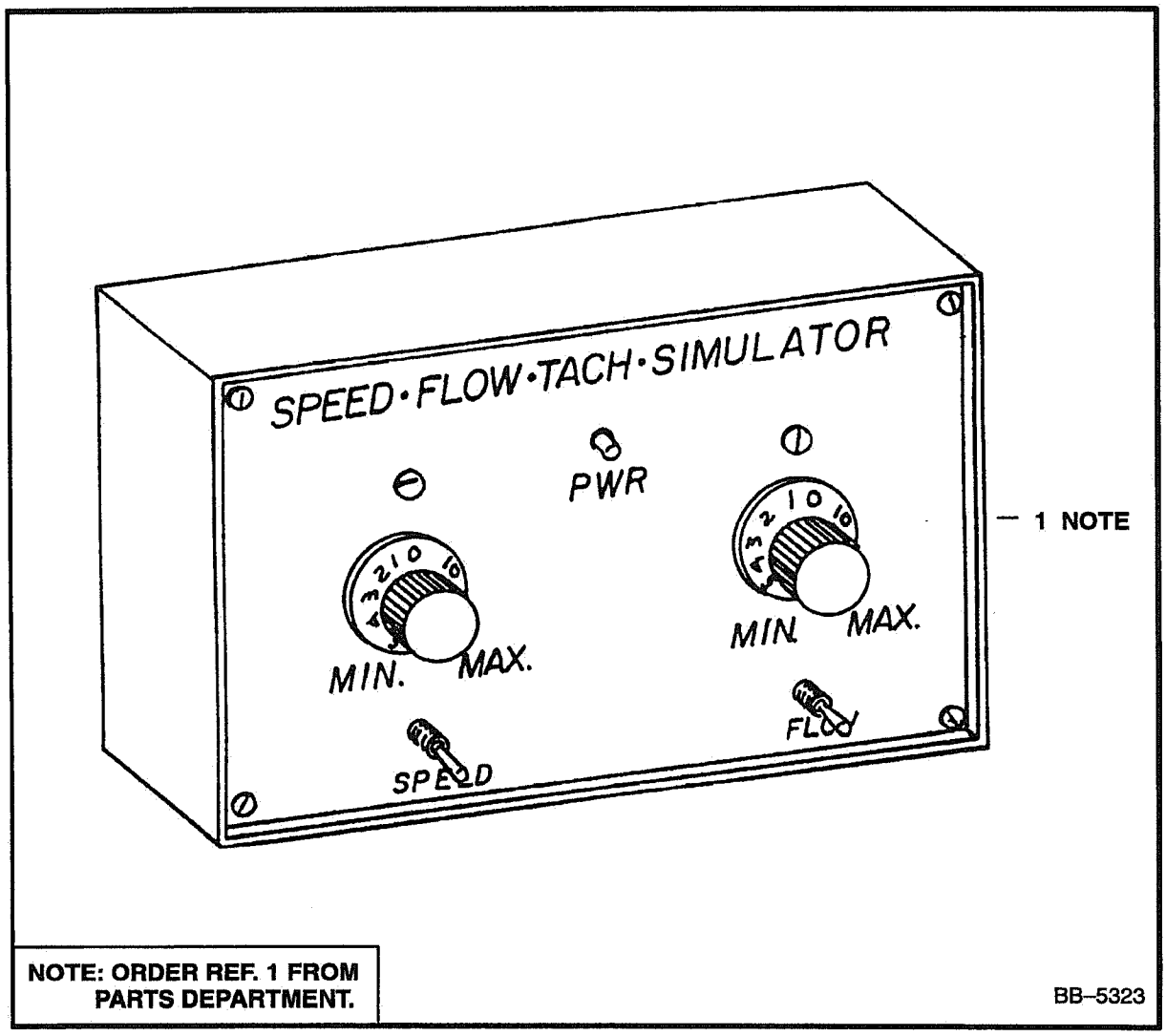
AUTOMATIC RATE CONTROLLER – AUTOMATIC – FIELD TECHNOLOGIES (ACCESSORIES)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	NAP	KIT	Automatic Rate Controller – W/Refs. 2 – 13 – Was SALES #6630995		1
2	6630996	CONTROL UNIT			1
3	6630999	BRACKET			1
4	6631000	THUMBSCREW			2
5	45G–1008	BOLT			2
6	15E–10	WASHER			2
7	12D–10	NUT			2
8	6625568	WIRE	Adapter – Use with Ref. 11 to complete electrical connection to noncurrent two piece control		
9	6625570	WIRE	cable – not shown Adapter – Use with Cable Ref. 12 to complete electrical		1
			connection to pressure control valve Ref. 11 without weatherpack connector		1
10	6630997	CABLE	Interconnect		1
11	6632184	VALVE	Pressure Control		1
12	6625567	CABLE	Control		1
13	6619958	INSTRUCTIONS	Mounting		1



SPEED SENSOR – WIDE FRONT – FIELD TECHNOLOGIES (ACCESSORIES)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	NAP	KIT	Speed Sensor Adapter W/Ref. 2 – 15 – Was SALES #6625397		1
2	6624289	NYLON TIE			2
3	6625396	BRACKET	Speed Sensor Mounting		1
4	6625393	SHIELD	Speed Sensor		1
5	4E–6	WASHER			2
6	61D–6	NUT			2
7	17C–820	BOLT			4
8	25E–21	WASHER			8
9	6625394	TARGET	Speed Sensor Wheel		4
10	85D–8	NUT			4
11	6631575	CABLE	Speed Sensor Input 121" Long		1
12	1572385	CLAMP	Speed Sensor Cable		1
13	17C–620	BOLT			2
14	6630083	SENSOR	Speed – W/Wire		1
15	6619954	MOUNTING	Instruction		1



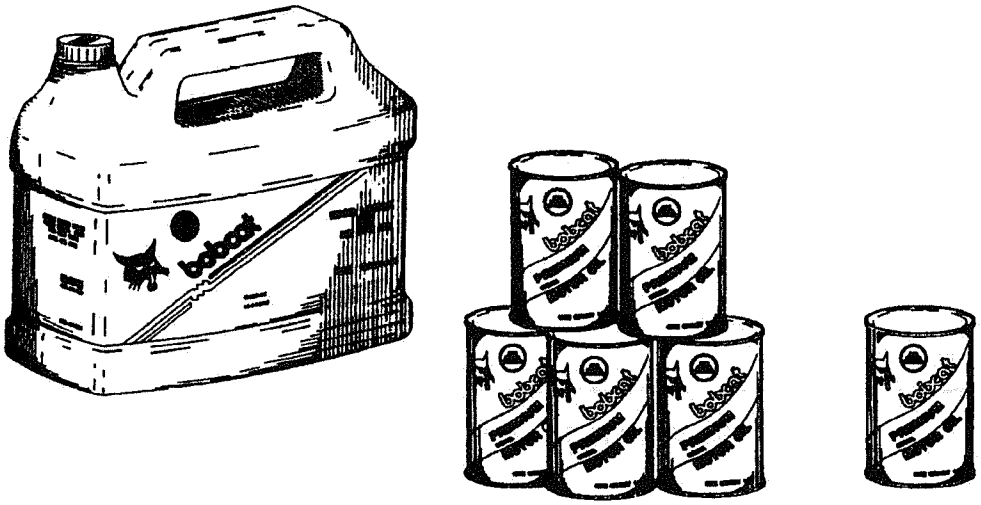
NOTE: ORDER REF. 1 FROM PARTS DEPARTMENT.

BB–5323

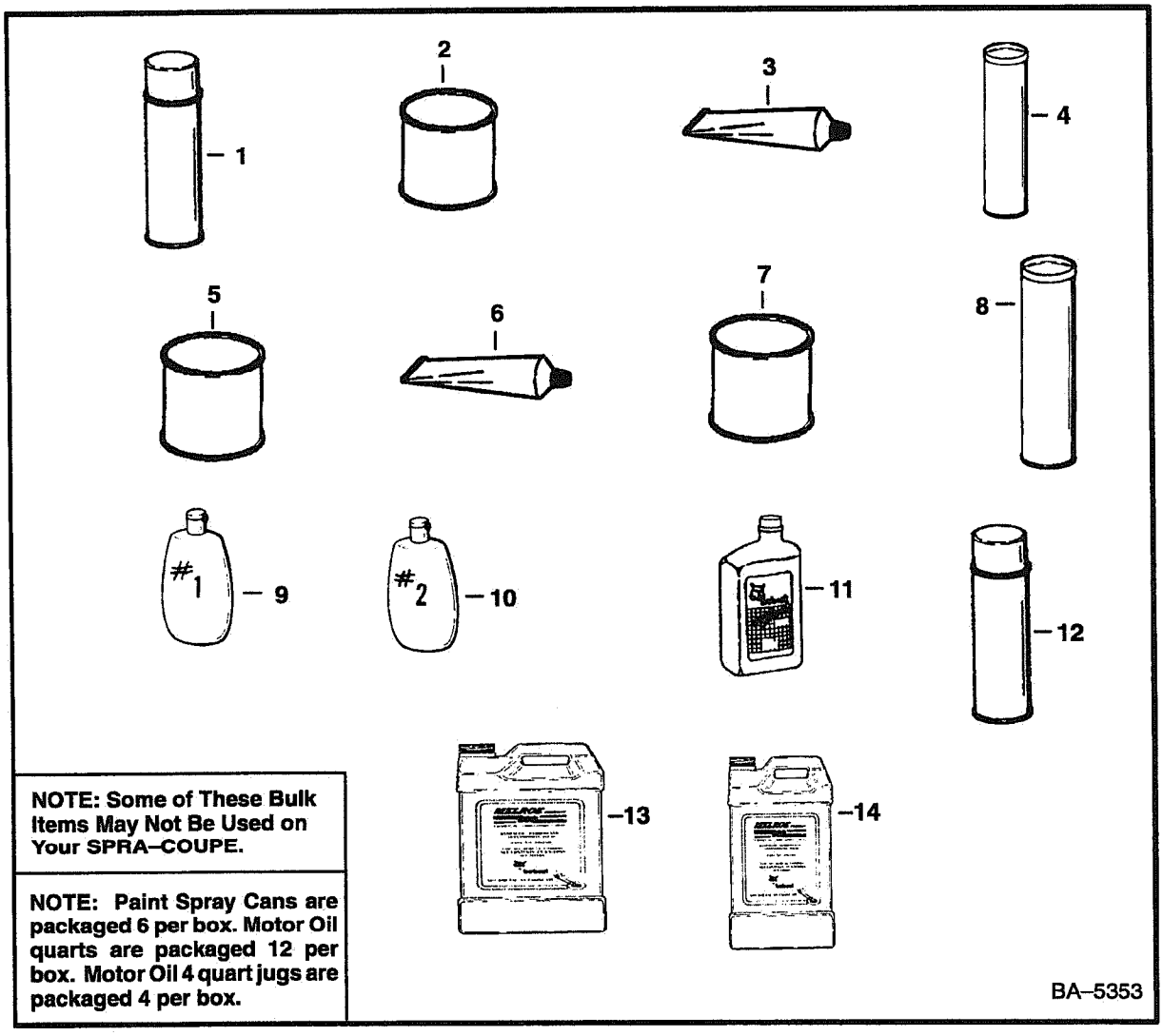
TEST SIMULATOR – FIELD TECHNOLOGIES (ACCESSORIES)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6630129	TEST SIMULATOR	Recommended for Dealers for Monitor Control Unit Testing, Training Device and Sales Aid		1

Melroe has engine oil blended to our specifications which meet or exceed the highest demands of your engine.



Available from Melroe Parts.



NOTE: Some of These Bulk Items May Not Be Used on Your SPRA–COUPE.

NOTE: Paint Spray Cans are packaged 6 per box. Motor Oil quarts are packaged 12 per box. Motor Oil 4 quart jugs are packaged 4 per box.

BULK ITEMS

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6722783	PAINT	orange – Spray Can – See Note – Was 6653509 [A]		x
	6722786	PAINT	Charcoal – Spray Can – See Note – Was 6653512 [A]		x
	6722789	PAINT	white – Spray Can – See Note – Was 6653515 [A]		x
	6722790	PAINT	Red – Spray Can – See Note – Was 6653516 [A]		x

BULK ITEMS (Cont'd)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
2	6722781	PAINT	Orange – Gallon – Also Order Ref. 5 – Was 6653507 [A]		x
	6722782	PAINT	Orange – Qt. – Also Order Ref. 5 – Was 6653508 [A]		x
	6722784	PAINT	Charcoal – Gallon – Also Order Ref. 5 – Was 6653510 [A]		x
	6722785	PAINT	Charcoal – Qt. – Also Order Ref. 5 – Was 6653511 [A]		x
	6722787	PAINT	White – Gallon – Also Order Ref. 5 – Was 6653513 [A]		x
	6722788	PAINT	White – Qt. – Also Order Ref. 5 – Was 6653514 [A]		x
3	6519251	LUBRICANT	Spline – 14 oz. tube		x
4	6633583	SEALANT	Chaincase covers – 10 oz. tube		x
5	6653517	REDUCER	Gallon – Used W/Ref. 2		x
6	6599360	SEALANT	Electrical – 3 oz. tube		x
7	6653518	PRIMER	Gallon – See Note		x
	6653519	PRIMER	Qt.		x
	6657743	PRIMER	Gray – Spray Can – See Note		x
8	6599719	GREASE	Cartridge – General Purpose		x
9	6630188	POLISH #1	Plastic window cleaner – 8 oz.		x
	6630190	POLISH #1	Plastic window cleaner – 64 oz.		x
10	6630189	POLISH #2	Plastic window scratch remover – 8 oz.		x
	6630191	POLISH #2	Plastic window scratch remover – 64 oz.		x
11	6657299	MOTOR OIL	15W–40 CESG – 1 qt. – See Note		x
	6724558	MOTOR OIL	15W–40 CESG – 4 qt. – See Note – Was 6657300 [A]		x
	6657301	MOTOR OIL	10W–30 CESG – 1 qt. – See Note		x
	6724557	MOTOR OIL	10W–30 CESG – 4 qt. – See Note – Was 6657302 [A]		x
	6657303	MOTOR OIL	30 CESG – 1 qt. – See Note		x
	6724559	MOTOR OIL	30 CESG – 4 qt. – See Note– Was 6657304 [A]		x
12	6652818	ADHESIVE	Insulation – Spray Can –		x
13	6563328	BLACK GOLD	Hydraulic/Hydrostatic – Fluid – 2 – 2 1/2 Gallon – Container		x
	6722344	BLACK GOLD	Bucket – 5 Gallons		x
	6563330	BLACK GOLD	55 Gallon Drum		x
14	6724094	ANTI–FREEZE	Gallon – Propylene Glycol – Premixed formula, 53% anti-freeze – 47% Water – Was6658230 [A]		x
	6724354	ANTI–FREEZE	PG Concentrate – 1 Gallon		x
	6626032	ANTI–FREEZE	RV – Gallon		x
15	6661699	LUBRICANT	Gear – Transmission		x

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335902	BANDS			N17
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433511	BEARING			N16
608869	FUSE			O4
611074	FUSE			O4
615069	GROMMET			P16, P20
616791	WASHER			D16
617904	SPRING			D16
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660867	BUSHING			C14, C18
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710778	CLIP			N16
710918	GREASE ZERK			H6
712098	CUP			D19
712099	BEARING			D19
712203	CONNECTOR			G20, G24, H5
713023	BEARING			D24, E4
713024	CUP			D24, E4
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731972	GROMMET			A14, C12, C18, F16, F18, P18, P22, Q24, S12, S14, S18
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742640	WASHER			D24, E2
742876	GROMMET			A16, A20, I10, I16, M2, P18, P22
743108	CONNECTOR			F20, G4, G6, G10
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743774	CUP			E6, E10
743992	WIRE			M4, O8
763224	BEARING			N16
784950	BEARING			H4, N6
794584	WASHER			N6, N12
799136	HOSE			G4, G12
850315	PLATE			N6
850757	SEAT			D16
859369	NUT			N6, N12
883081	SPRING			G6
888527	WASHER			N17
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	905957	FRAME			N6
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	907992	NUT			K5
	908015	ROTOR			N6
	908016	STATOR			N6
	908106	BOLT			N5
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	908221	ALTERNATOR			N5
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6510999	JOINT			E14
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6611678	LATCH			A24

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6616217	SEAL			K8
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6617251	BRACKET			E2
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6617316	COVER			E10
6617319	HOUSING			E10
6617320	HOUSING			E10
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6624307	SPACER			F12
6624317	CAP			I16, J2, J6, J10
6624325	ORIFICE			I8, I10
6624326	ORIFICE			I8, I10
6624327	ORIFICE			I8, I10
6624328	ORIFICE			I8, I10
6624355	PIN			E16
6624356	ARM			E16, E17
6624377	HANDLE			I14, I20, Q16
6624386	TIRE			D14
6624387	RIM			D14
6624430	LOUVER			B8
6624431	LENS			A22
6624435	NUT			B8, Q24
6624438	CLIP			B8
6624441	VALVE			I14
6624443	BRACKET			I16
6624444	STRAP			I14
6624445	ELBOW			I14
6624448	HANDLE			I14
6624453	SPACER			E6
6624461	HARNESS			O11
6624464	CABLE			B22, C14
6624471	LOCKNUT			K9
6624472	COIL RING			K9
6624488	BRACKET			F17, S8
6624489	BRACKET			F18
6624492	PIVOT			F18
6624493	SHIM			F4, F6
6624494	LEVER			F17, S8
6624525	HOSE – 1 1/2" ID			Q16
6624526	SPACER			C12, C18
6624527	SHEAVE			C12, C18
6624529	TUBE			C14, C22
6624539	BRACKET			A20
6624541	TANK			I8, I10
6624543	HOSE			M2, M10
6624544	HOSE			M2, M12
6624546	FITTING			L24
6624557	FITTING			J2
6624562	SUPPORT			A18
6624564	ELBOW			I16, I20
6624572	SHIELD			D14
6624580	FOAM			P16, P20
6624585	WIRE			O15, O22, P4, P10, P16, P20
6624589	EVAPORATOR			P16
6624591	HOSE – 3/4" ID			J16, J18, J20, J22, J24
6624593	BOOM	6624594	D	B18
6624594	BOOM			B18

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6624635	HOSE – 5/8" ID			J14, J18, J20, J22, K4, Q7
6624641	HINGE			B18
6624643	HINGE			B18
6624662	BRACKET			C12, C18
6624666	BEARING			C12, C18
6624674	PIVOT			C14
6624677	PIVOT			C16
6624680	MOUNT			C14, C22
6624683	BRACKET			C14
6624684	BRACKET			C12
6624686	STRAP			C12
6624689	BRACKET			C12, C18
6624691	STOP			C12, C18
6624692	SLEEVE			C14, C22
6624725	SPLINE			E14
6624726	SPACER			Q6
6624768	BRACKET			S18
6624769	U–BOLT			S16, S18
6624770	CONTROL UNIT			S18
6624771	INPUT CABLE			S18
6624772	POWER CORD			S18
6624774	INPUT WIRE			S18
6624783	END PLATE			D2, Q10
6624784	GASKET			D2, Q10
6624785	SCREW			D2, Q10
6624789	WIRE ASSY.			Q7
6624790	PLATE			Q7
6624791	UPRIGHT			Q7
6624832	BOOM			B18
6624833	BOOM			B18
6624840	NOZZLE			L12
6624841	NOZZLE			L12
6624842	NOZZLE			L12
6624851	DECAL			Q10
6624853	SPROCKET			E6
6624856	DRIVE			E8
6624860	HARNESS			Q10
6624861	HARNESS			Q10
6624863	PLATE			Q10
6624864	PLATE			Q10
6624865	TUBE			Q10
6624871	PIVOT			D18
6624889	PLATE			D18
6624898	PIN			D18
6624915	TIRE			D10
6624919	ROD			D18
6624920	TUBE			D18
6624924	STEP			B2, D22
6624929	HITCH			R2
6624938	HOSE – 3/8" ID			J4, J8, J12, J16, R5

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6624955	DECAL			D6, D8, D10, D12
6624956	DECAL			D6, D8, D10, D12
6624957	DECAL			D6, D8
6624958	DECAL			D6, D8
6624959	BRACKET			F18
6624960	SUPPORT			L20
6624962	BOLT			R2
6624972	KIT			Q15
6624973	KIT			R5
6624990	BRACKET			L14
6624991	DROP TUBE			Q15
6624993	HARNESS			M2, O11, O18, P1, P7, P12
6624996	TIRE			D10
6625031	HOUSING			E6
6625042	MOUNT			E16
6625045	HOUSING			E6
6625074	PLATE			A14
6625079	FLOORMAT			A18
6625080	STEP			B2
6625081	PAD			B2
6625096	U-BOLT			J2
6625103	FITTING			I14, J2
6625104	ELBOW			J2
6625105	ADAPTER			J2
6625107	STRAP			I16, J2, J6, J10
6625108	SPACER			J4
6625109	TERMINAL			J2, P16
6625110	HARNESS			O8
6625122	COVER			F18, S8
6625123	COVER			F18, S8
6625124	BRACKET			F17, S8
6625125	HOSE			F4
6625130	RIM			D10
6625137	SHIELD			S16, S18
6625138	SHIELD			S16, S18
6625140	PANEL			Q12
6625141	CHANNEL			Q12
6625142	DEFLECTOR			Q12
6625143	DEFLECTOR			Q12
6625144	DEFLECTOR			Q12
6625145	PANEL			Q12
6625146	BRACKET			Q12
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6625148	SUPPORT			Q12
6625149	BRACKET			Q12
6625150	HINGE			Q12
6625152	PIN			Q12

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6625154	STRIP			Q12
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6625158	MOUNT			E18
6625160	DECAL			D6, D8, D10, D12, R4
6625161	AXLE			D24
6625162	SHAFT			D24
6625163	ARM			D22
6625168	SPRING			D24
6625169	SPRING			D24, E2
6625170	SPACER			D24
6625175	HEAD			D24, E2
6625187	AXLE			D24
6625198	BRACKET			D22
6625225	RADIATOR			M2
6625226	CABLE			F18
6625227	NUT			F4, F6
6625228	CABLE			F6
6625231	MAIN FRAME			A13
6625255	HOSE			N17
6625256	CAP			N17
6625257	FUEL TANK			L24
6625258	SPRING			E6
6625259	AIR CLEANER			N17
6625260	TANK			N17
6625264	CLIP			L16
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6625266	MOUNT			F18, L20
6625272	BRACKET			L14
6625278	MOUNT			L20
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6625283	MOUNT			L22
6625289	SPACER			L22
6625290	BRACKET			L22
* 6625291	SPACER			N14
6625291	SPACER			L22
6625292	SPACER			L22
6625293	SPACER			L22
6625294	PULLEY			L20
6625295	HARNESS			O11
6625297	V-BELT			L20
6625298	V-BELT			L20
6625300	PULLEY			L20
6625301	SHAFT			M4
6625305	STRAP			I8, I10
6625307	SHIFT ROD			F12
6625309	MOUNT			L16
6625312	SPACER			L16
6625315	SHIM			L14
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6624956	DECAL			D6, D8, D10, D12
6624957	DECAL			D10, D12
6624958	DECAL			D10, D12
6624959	BRACKET			F18
6624960	SUPPORT			L20
6624962	BOLT			R2
6624972	KIT			Q15
6624973	KIT			R5
6624990	BRACKET			L14
6624991	DROP TUBE			Q15
6624993	HARNESS			M2, O11, O18, P1, P7, P12
6624996	TIRE			D14
6625031	HOUSING			E6
6625042	MOUNT			E16
6625045	HOUSING			E6
6625074	PLATE			A14
6625079	FLOORMAT			A18
6625080	STEP			B2
6625081	PAD			B2
6625096	U-BOLT			J2
6625103	FITTING			I14, J2
6625104	ELBOW			J2
6625105	ADAPTER			J2
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6625141	CHANNEL			Q12
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6625143	DEFLECTOR			Q12
6625144	DEFLECTOR			Q12
6625145	PANEL			Q12
6625146	BRACKET			Q12
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6625148	SUPPORT			Q12
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6625160	DECAL			D6, D8, D10, D12, R4
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6625168	SPRING			D24
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6625187	AXLE			D24
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6625225	RADIATOR			M2
6625226	CABLE			F18
6625227	NUT			F4, F6
6625228	CABLE			F6
6625231	MAIN FRAME			A13
6625255	HOSE			N17
6625256	CAP			N17
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6625259	AIR CLEANER			N17
6625260	TANK			N17
6625264	CLIP			L16
6625265	PULLEY			L22
6625266	MOUNT			F18, L20
6625272	BRACKET			L14
6625278	MOUNT			L20
6625282	BUSHING			G4, G12, L20
6625283	MOUNT			L22
6625289	SPACER			L22
6625290	BRACKET			L22
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6625291	SPACER			L22
6625292	SPACER			L22
6625293	SPACER			L22
6625294	PULLEY			L20
6625295	HARNESS			O11
6625297	V-BELT			L20
6625298	V-BELT			L20
6625300	PULLEY			L20
6625301	SHAFT			M4
6625305	STRAP			I8, I10
6625307	SHIFT ROD			F12
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6625410	SUPPORT			A14
6625413	SADDLE			A14
6625430	SPACER			A14, B22, C18
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6625532	STRAP			M2
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6625543	SUPPORT			C12
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	6626690	SUPPORT	6626197	A	C4
	6626692	CHAIN			C6
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	6626795	CABLE			F10
	6626849	CUSHION			B4
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	6627052	MOUNT	6625283	A	L22
	6627053	SPACER			L22
	6627060	SADDLE			A14
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	6627162	BRACKET			F14, S8
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	6627168	PANEL	5527144	C	F14
	6627168	PANEL	6627144	A	S8
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6647759	SCREEN			I22
6647760	FILTER			I22
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6647802	SLEEVE			N22
6647803	FORK			N24
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6647813	O–RING			N4
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6647815	O–RING			N4
6647816	GASKET			N4
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6647876	O–RING			I3
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	6648969	TEE			I22
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	6648979	TEE			I14, J6
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	6649458	FAN			N7
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	6649512	FITTING			I22, J10
	6649513	NIPPLE			J10
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	6649519	HOSE – 1 1/4" ID			I22, J12
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	6649530	CLUTCH PLATE			K10
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	6649532	PULLEY			K10
	6649533	SPACER			K10
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6651288	BUSHING			N20
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6651298	BOLT			N22, N24
6651299	BEARING			N22
6651300	BEARING			N22
6651301	DETEND			N22
6651302	BEARING			N22
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6657058	CAP			B4
6657289	KIT			K12
6657290	GROMMET			K12, K14
6657291	PIN			K12, K14
6657292	FUSE HOLDER			K12

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6657293	FUSE			K12, K14
6657294	SWITCH			K12, K14
6657295	PLUG			S14
6657296	HOLDER			S14
6657299	MOTOR OIL			T2
6657300	MOTOR OIL			T2
6657301	MOTOR OIL			T2
6657302	MOTOR OIL			T2
6657303	MOTOR OIL			T2
6657304	MOTOR OIL			T2
6657407	LIGHT			B8
6657714	BEARING			N22
6657719	PLUG			A14
6657731	APRON	6617459	A	Q14
6657743	PRIMER			T2
6657758	PLUG			M16
6657769	COVER	6655759	D	M16
6657771	GASKET			N2, M16
6657772	GASKET			N2, M16
6657774	SHAFT			M23
6657776	KEY			M14, M23
6657776	KEY	6653371	A	M20, M21
6657784	SCREW	6658555	A	M10
6657785	WASHER			M12, M16
6657817	WASHER			M10, M15, M23
6657818	NUT			M13, M14
6657823	BOLT			M10
6657824	WASHER			M6, M10, M14, M16
6657826	BOLT			M10
6657827	SCREW			M12
6657829	BOLT			L22
6657835	WASHER			L16, N20
6657837	SCREW			M6
6657839	NUT			M14
6657840	WASHER			M14
6657845	BOLT			M14
6657855	WASHER			M6, M15
6657862	HOSE			M10
6657869	SCREW			M16
6657872	CLAMP			M10
6657873	BOLT			M10
6657874	BOLT			M16, M23
6657875	BOLT			M16
6657876	FLANGE			M16
6657879	FLANGE			M16
6657886	PLUG			M16
6657888	BUSH			M16
6657889	PLUG			M16
6657891	GUIDE			M23
6657892	BOLT			M23
6657895	BOLT			M14

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6657896	WASHER			M14
6657900	PLUG			M12
6657911	PIN			L18
6657913	FLYWHEEL	6632061	A	L16
6657918	NUT			M15
6657921	COVER			M16
6657924	STUD			M15
6657925	STRIP			M15
6657926	BOLT			M14, M20, M21
6657936	HOSE CLAMP			M6, M10
6657941	SCREW			M14
6658001	SCREW			M15
6658059	COIL			R14
6658060	HOUSING			R14
6658061	HOUSING			R14
6658062	KIT			R14
6658063	NUT			R14
6658064	SCREW			R14, R16
6658065	COVER			R14
6658066	STOP			R14
6658067	BAND			R14, R16
6658068	ARMATURE			R14
6658069	SEAT			R14, R16
6658070	SHIM			R14, R16
6658071	STEM			R14, R16
6658072	PISTON			R14
6658073	HOUSING			R14
6658074	PLATE			R14, R16
6658075	SCREW			R14, R16
6658081	RETAINER			R14
6658101	GOVERNOR			N15
6658102	LEVER			N16
6658107	CAP			K17, K20
6658107	CAP	6630909	A	L11
6658261	KIT			R18
6658262	CONSOLE	6655849	A	S14
6658262	CONSOLE	6657023	A	S14
6658263	TIRE			D14
6658359	PLUG	712203	A	H5
6658361	VALVE			P16
6658363	SENDER			M10
6658364	GAUGE			O4
6658423	STUD			M6, M16, N18
6658537	O-RING			Q16
6658538	CLAMP			R8, R20, S4
6658539	CLAMP			R8, R20, S2, S4
6658540	STRAP			R10, R20
6658541	HANDLE			I5, I6
6658546	PLUG			M6
6658547	BOLT			M6
6658548	BOLT			M6

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	Part No.	Description	Was	Code	Page
	6658549	BOLT			M6
	6658550	WASHER			M6
	6658551	SCREW			M6
	6658552	HOSE CLAMP			M6
	6658553	SCREW			M10
	6658554	SCREW			M6, M10
	6658555	SCREW			M10
	6658556	COVER			M15
	6658557	WASHER			M15
	6658558	PLUG			M15
	6658559	SCREW			M14
	6658561	STUD			M14
	6658587	RING			D24, E4
	6658606	BOLT			M14
	6658607	STUD			M14
	6658631	ZERK			N15
	6658639	BEARING	6624666	A	B22, C18
	6658746	CABLE	6625228	A	F2, F6
	6658819	VOLTMETER	6631651	A	O4
	6658820	GAUGE	6631650	A	O4
	6658859	NUT			M8
	6658860	SENDER			M12
	6658861	FLANGE			M12
	6658862	OUTLET			M8
	6658863	SWITCH			M12
	6658864	PLUG			M12
	6658865	O–RING			M12
	6658866	BAND			M12
	6658871	GAUGE			O4
	6658873	LENS			A22
	6658964	CLUTCH			P18, P22
*	6658965	VALVE			P22
	6658965	VALVE			P18
	6658966	O–RING			P18, P22
*	6658967	CAP			P22
	6658967	CAP			P18
	6659268	VALVE			R18
	6659271	VALVE			R18, R22
	6659272	CABLE TIE			R18
	6659273	SCREW			R22
	6659274	WASHER			R22
	6659275	WASHER			R22
	6659276	BRACKET			R10, R20
	6659277	FACE PLATE			R18
	6659278	GROMMET			R18
	6659279	FUSE			R18
	6659280	CABLE			R18
	6659281	CABLE			R18
	6659282	PLUG			R20
	6659283	CABLE			R18
	6659284	CABLE TIE			R18

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6659285	KNOB			R18
6659286	TUBING			R22
6659287	TUBING AIRLINE			R18, R22
6659288	FILTER SCREEN			R20, R24
6659289	BOLT			R20, R24, S2
6659289	BOLT	85E–1008	A	R8, R22
6659290	NUT			R20, R24
6659291	BOLT			R22, R24
6659292	WASHER			R22, R24, S2
6659363	FUSE			S14
6659457	CABLE			L18
6659458	HARNESS			O11
6659546	NUT			R12
6659547	SCREW			R12, S2
6659548	WASHER			R12
6659549	RING			R12
6659550	RING			R12
6659551	SCREW			R12
6659605	BULB			A22
6659606	CAP			L2, L6, R5
6659606	CAP	6658107	A	K17, K20
6659607	CAP			L6, K20
6659607	CAP	6631622	A	K17, L2
6659608	CAP			K20, L6
6659608	CAP	6631621	A	K17, L2
6659609	CAP			K20, L2, L6
6659821	HANDLE			B10
6659822	WASHER			B10
6659823	BOLT			B10
6659824	BOLT			B10
6659825	KIT			B10
6659826	GUIDE			B10
6659827	TAPE			B10
6659828	SPRING			B10
6659829	BOLT			B10
6659830	BOLT			B10
6659831	BOLT			B10
6659832	FLATWASHER			B10
6659833	FLATWASHER			B10, B12
6659834	HANDLE			B10
6659835	HANDLE			B10
6659910	CAP			C2, C24
6660000	PLUG			N20
6660001	GASKET			N20
6660005	CAP			F4, F6
6660071	BODY			L2, L6
6660072	BODY			L2, L6
6660073	BUSHING			I22
6660125	O–RING			H14, H15, H19, H20, H21
6660126	SEAL	6512114	A	E6
6660134	HOSE – 3/4" ID			K4

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6660134	HOSE – 3/4" ID	6651696	A	I22
6660142	BOOT			D2, Q10
6660151	ADJUSTER			D16
6660152	COVER			D16
6660153	GASKET			D16
6660154	KIT			D16
6660155	CLAMP			D16
6660156	SEAL	NAP	A	D16
6660157	NUT			D16
6660158	ADJUSTER			D16
6660159	BEARING			D16
6660160	HOUSING			D16
6660161	GEAR			D16
6660162	BEARING	NAP		D16
6660163	JACKET			D16
6660168	SEAL			D2, Q10
6660175	ELBOW			R22, S4
6660322	SHOCK			C2
6660342	HANDLE			B10
6660351	CLAMP	6626724	A	C6, Q1
6660379	SCREW			S4
6660380	ELBOW			S4
6660381	HOSE			S4
6660382	PLATFORM			R24
6660383	BOX			R24
6660384	DOOR			R24
6660385	FITTING			R24
6660386	SCREW			R24
6660387	VALVE			S2
6660388	CABLE			S2
6660389	CABLE			S2
6660390	FACE PLATE			S2
6660391	FILTER			S4
6660392	STAND			S4
6660393	REDUCER			S4
6660394	ELBOW			S4
6660395	TANK			S4
6660396	EYEBOLT			S4
6660397	STRAP			S4
6660398	FITTING			S4
6660399	CAM–LOCK			S4
6660401	FOAM HEAD			S2
6660402	TEE			S2
6660403	FITTING			S2
6660404	ELBOW			S2
6660405	NIPPLE			S2
6660409	BRACKET			S2
6660411	ELBOW			S2
6660412	NIPPLE			S2
6660450	CHAIN			R1, R2, R3
6660483	TUBE			R24

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	6660484	ADAPTER			R24
	6660485	LOCK CAM			S2
	6660486	SOLENOID			S2
	6660487	LOCK CAM			S2
	6660488	ORIFICE			S2
	6660489	TUBE			S2
*	6660490	TUBE			S6
	6660490	TUBE			S2
	6660491	TUBE			S2
	6660492	ELBOW			R12, S4
	6660493	TUBE			S4
	6660494	TUBE			S4
	6660495	QUICK COUPLER			S4
	6660569	RUBBER STRAP			C6
	6660572	DECAL			S4
	6660573	CAP			S4
	6660574	SCREEN			S6
	6660575	O–RING			S6
	6660576	BOWL			S6
	6660577	GASKET			S4
	6660578	PIN			S4
	6660579	ADAPTER			R12, S4
	6660580	GASKET			S2
	6660581	CAP			S2
	6660582	GASKET			S2
	6660583	RING			S2
	6660584	SCREEN			S2
	6660585	FILTER			S2
	6660586	BODY			S2
	6660654	CONNECTOR			Q24
	6660656	DECAL			Q24
	6660658	MOTOR			Q24
	6660659	SWITCH			Q24
	6660807	PLUG	NAP		M6
	6660822	KNOB			Q24
	6660881	KNOB			Q24
*	6660899	FITTING			J24
	6660906	ELBOW			I22
	6660906	ELBOW	6647438	A	I10
	6660908	PLUG	6661105	A	I22
	6660910	TEE	6648979	A	I14, I22, J6
	6660920	REDUCER			I20
	6660985	FITTING			I8, I10
	6661002	NUT	6631041	A	D18, E2
	6661015	U–BOLT	6624769	A	S16, S18
	6661102	CHAIN	6660450	A	R1, R2, R3
	6661105	PLUG			I22
	6661106	BUSHING			I22
	6661107	ELBOW	6648956	A	I20
	6661123	PUMP			K8
	6661125	NUT	6616763	A	K8

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6661126	KEY	6616313	A	K8
6661127	PLUG	6616745	A	K8
6661195	ALTERNATOR			N12
6661198	FAN			N12
6661226	STRAINER			I8, I10
6661227	COLLAR			I8
6661228	LID			I8, I10
6661281	NIPPLE			I20, I22
6661283	RETAINER			K17, K20, L2, L6, L11
6661288	SEAL KIT			H5, H7, H9
6661370	VALVE			H18
6661370	VALVE	6618186	A	H13
6661415	FITTING			J6, J22, J24, K4
6661416	FITTING			J6, J10
6661417	HOSE 1/2" ID			J22, J24, K4
6661418	GAUGE			J6, J10
6661520	HOUSING			B12
6661521	HOUSING			B12
6661522	ARM			B12
6661523	SHAFT			B12
6661524	NUT			B12
6661525	ARM & SHAFT			B12
6661526	BUSHING			B12
6661527	SPRING			B12
6661528	BUMPER			B12
6661530	BUSHING			B12
6661531	FASTENER			B12
6661532	BOOT			B12
6661533	ROLL PIN			B12
6661534	CAM			B12
6661535	CAM			B12
6661536	SPRING			B12
6661537	LATCH			B12
6661538	ROLL PIN			B12
6661539	TIE			B12
6661540	BEARING			B12
6661541	KNOB			B12
6661542	ROLL PIN			B12
6661543	ADJUSTER			B12
6661544	SHAFT			B12
6661545	ROLL PIN			B12
6661546	BEARING			B12
6661547	ROLLER			B12
6661548	SHAFT	NSS	A	B12
6661549	WASHER			B12
6661550	RING			B12
6661551	WASHER			B12
6661552	NUT			B12
6661553	THRUST			B12
6661554	ROLL PIN			B12
6661555	GUIDE			B12

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6661556	TAPE			B12
6661557	SPRING			B12
6661558	RIVET			B12
6661559	BOLT			B14
6661560	CAM			B14
6661561	NUT			B14
6661562	SPACER			B14
6661563	RIVET			B14
6661564	BUTTONS			B14
6661619	SEAL			D24, E4
6661694	PISTON	6504931	A	H5
6661699	LUBRICANT			Q6, T2
6661700	SOLENOID CORE			H19, H20, H21
6661700	SOLENOID CORE	6656106	A	H14, H15
6661701	PLUNGER			H19, H20, H21
6661702	SPRING			H19, H20, H21
6661703	WASHER			H19
6661704	PLUG			H19
6661705	O-RING			H20, H21
6661706	PLUNGER			H20, H21
6661707	SECTION VALVE			H21
6661708	VALVE SECTION			H15, H20
6661709	PORT SECTION			H14
6661710	NUT			H18
6661757	MODULE			M4
6661800	BUMPER	6649040	A	C8
6661823	SCREW			N12
6661824	KIT			B14
6661825	KIT			B14
6661826	KIT			B14
6661826	KIT	6659825		B10
6661828	GEAR			N24
6661829	SHAFT			N24
6661992	CABLE			F10
6662003	FRAME			N12
6662004	ROTOR			N12
6662005	STATOR			N12
6662006	FRAME			N12
6662007	RECTIFIER			N12
6662008	BRUSH & HOLDER			N12
6662009	BEARING			N12
6662010	BEARING			N12
6662011	TERMINAL			N12
6662012	PLATE			N12
6662013	COLLAR			N12
6662015	SCREW			N12
6662029	REGULATOR			N12
6662078	STUD	6624245	A	M4
6662097	KIT			E14
6662222	BATTERY	NAP		M4
6662244	SCREW			F24, G4, G8, G12

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	6662297	SENSOR	6665373	A	S14
	6662340	ENGINE			M14
*	6662648	CLAMP			P22
*	6662649	RECEIVER			P22
	6662655	GROMMET	731972	A	A14, P22
*	6662659	SWITCH			P20
*	6662666	O–RING			P20
	6662667	O–RING			P20
	6662678	SCREW			Q24
	6662800	SCREW			I8, I12
	6662848	CAP			I3
	6662895	TEE			Q24
	6662897	CUP			D16
	6662898	PLUG			A14
	6662921	TIRE			D14
	6662924	ORIFICE			H13, H18
	6662935	ROTOR			M17
	6662964	NUT			M8
	6663908	PLUG			A14
	6663909	RIM			D14
	6663952	LIGHT			Q20
	6663955	MIRROR			A24
	6663968	HEATER			Q24
	6664194	U–BOLT			R8, R20, S4
	6664203	ELBOW			S2
	6664208	O–RING			M23
	6664225	BRACKET			M12
	6664226	GASKET			M12
	6664227	VALVE			M12
	6664265	DOOR			Q20
	6664266	BEAM			Q20
	6664267	SCREW			Q20
	6664294	SEAL			F14, S8
	6664295	BOOT			F16, S12
	6664296	SPRING			F14, S8
	6664342	LOUVER			Q24
	6664343	DECAL			Q24
	6664345	HOUSING			Q24
	6664346	COVER			Q24
	6664347	COVER			Q24
	6664416	CABLE			F14, F16, S8, S12
	6664417	CABLE			F14, F16, S8, S12
	6664418	TUBE			A24, S8
	6664547	STRAP			I8, I12
	6664548	COLLAR			I10
	6664548	COLLAR	6661227	A	I8
	6664549	LID			I10
	6664549	LID	6661228	A	I8, I10
	6664598	SHOCK	6660322	A	C2
	6664829	VALVE			R16
	6664830	NUT			R16

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	6664831	COVER			R16
	6664832	STOP			R16
	6664833	COIL			R16
	6664834	WASHER			R16
	6664835	HOUSING			R16
	6664836	ARMATURE			R16
	6664837	RETAINER			R16
	6664838	HOUSING			R16
	6664839	PISTON			R16
	6664840	HOUSING			R16
	6664841	KIT			R16
	6664877	MENDER			K4
	6664886	HOURMETER	6631657	A	O4
	6664893	PADDLE WHEEL			S18
	6664973	VALVE			I5
	6664980	CABLE			F10
	6664981	CABLE			F10
	6664983	BRAKE			E20
	6665035	CHECK VALVE			S6
	6665042	COUPLER	6620290	A	E14
	6665086	SEAL	NSS		D24, E4
	6665091	RING			I5
	6665120	TIRE			D14
	6665214	FLOW METER	6655026	A	S14
*	6665373	SENSOR	6655025	A	S14
*	6665548	VALVE			P20
	6665549	O–RING			P20
*	6665559	EVAPORATOR			P20
*	6665560	COMPRESSOR			P20
*	6665561	CONDENSER			P22
*	6665562	HOSE			P20
*	6665563	HOSE			P20
*	6665564	HOSE			P20
*	6665565	HOSE			P22
*	6665566	WIRE			P20
*	6665567	WIRE			P20
	6665628	NUT			E20
	6665629	PLATE	NSS		E20
	6665630	SPACER	NSS		E20
*	6665631	PIN			E20
*	6665632	CLIP			E20
*	6665633	PISTON			E20
*	6665634	LABEL			E20
*	6665636	INSERT			E20
*	6665637	PLUG			E20
*	6665638	SCREW			E20
*	6665639	BOLT			E20
*	6665640	PIN			E20
*	6665641	NUT			E20
*	6665642	YOKE			E20
*	6665643	WASHER			E20

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*	6665644	PIN			E20
*	6665645	CLIP			E20
*	6665646	LEVER			E20
	6665647	KIT			E20
*	6665648	KIT			E20
	6665656	CLIP			B15
	6665723	DEFLECTOR			M16
*	6665726	CLIP			P22
	6665870	FILTER			I22
*	6665873	FILTER			J24
	6665873	FILTER			K1
	6665913	FITTING			J24
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	18C–840	BOLT			D22, E2
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85G–1008	BOLT			A22
85G–1010	BOLT			A20
85G–1012	BOLT			C18
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85G–808	BOLT			Q24
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